SFC CNS GUIDE 2023

-English Edition-

Shonan Fujisawa Information Technology Center Keio University

Preface

SFC-CNS was established to provide SFC students and faculty with a state-of-the-art computer network environment at a time when almost all universities in the world did not yet have internet access. Since then, it has evolved to support various activities at SFC, incorporating new technologies as they became available, even after the internet became commonplace in the world. It is an open distributed computing environment in which a wide variety of devices, from UNIX, Mac, and Windows computers to high-performance servers, manufacturing, and music equipment, are connected, allowing users to exercise their creativity. If you can use these devices to their fullest extent, you can do a great many things. If you don't know how to use them, you can only accomplish ordinary tasks.

This is the same as the difference between using 100 different tools to create something and using only scissors to build something. I hope you will enjoy the fun and power of information technology by using more and more devices as tools.

This book is essential for SFC students because it contains a lot of information necessary to use SFC-CNS properly. Since many classes are offered online and it remains difficult to ask questions at ITC or the CNS consultant booth in-person due to the coronavirus pandemic, this book remains important for students as a source of important information regarding CNS. SFC-CNS is connected to the world. As a result, you need to protect your own computers, smartphones, and other devices connected to SFC-CNS by yourself. Please deepen your knowledge of information technology and learn how to use computers safely. This is the same as using knives, scissors, or other sharp tools without getting hurt or causing injury to others.

In particular, please be sure to learn the following social ethics and apply them correctly.

- Respect copyright and other intellectual property rights. Never plagiarize documents or copy software illegally.
- Respect the files and information of others. Respect other people's files, information, and privacy.
 Do not browse files that are not intended for you, even if they are visible to you.
- Understand that SFC-CNS is a system for education and research. Do not use it for any other purpose.
- Do not access computers that you are not authorized to use.
- Do not post derogatory comments or slander on SFC or other organization's web sites or web applications. Do not send slanderous or defamatory e-mails to others. Never send slanderous e-mails or chain e-mails, and if you do receive them, do not relay them.
- When creating web pages, be aware that anyone in the world can read the content. When creating web pages, respect the rights of others and do not infringe on the rights of others by publishing images, audio files, videos, or other content illegally.
- Do not do anything that may cause trouble to others.

If you have any questions or other concerns, please consult with the Shonan Fujisawa Information Technology Center (ITC). SFC-CNS is operated by students and faculty members working together to create the best learning and research environment for themselves. After learning the basics of SFC-CNS through this manual, please refer to the ITC website to learn how to use the system in more depth. I hope that you will be actively involved in the operation of SFC-CNS to bring it to a new level.

ITC established an editorial committee to decide the contents, write, edit, and proofread this document. The editorial committee members are mainly students who are users of SFC-CNS, and students play a major role in the production of this publication. The editorial committee is composed mainly of students who are users of SFC-CNS, so students play a major role in this project. The committee also considers opinions on the versions published to date and questions about SFC-CNS sent to ITC.

Finally, I would like to express my deepest gratitude to all those who assisted with the production of this year's edition by organizing the materials and checking the contents. I would also like to thank the many people who have been involved with the SFC CNS Guide to this point in time.

Shonan Fujisawa Information Technology Center (ITC) Director Jin Nakazawa

SFC CNS GUIDE Editiorial Comittee

Staff

Shonan Fujisawa ITC

Contents

1 Start Up

What is SFC-CNS? • • • • • • • • • • • • • • • • • • •	•	•••	٠	٠	٠	•	•	•	•	٠	•	•	•	•	8
Websites You Can Use on Campus •••••••	•	••	•	٠	•	•	•	•	•	•	•	•	•	•	10
Access Content Only Available on Campus from Outside	•	•••	•	•	•	•	•	•	•	•	•	•	•	•	13

2 Wireless LAN

About the Wireless LAN Environment on Campus \cdot · · · ·	٠	٠	•	•	•	•	•	•	•	•	•	•	16
Connecting Your PC (Windows 11) to CNS • • • • • • • •	•	•	•	•	•	•	•	•	•	•	•	•	17
Connecting Your Mac (macOS) to CNS • • • • • • • • • • •	•	•	•	•	•	•	•	•	•	•	•	•	27
Connecting Your iOS Device to CNS • • • • • • • • • • • • • • • • • • •	٠	٠	•	•	•	•	•	•	•	•	•	•	32
Connecting Your Android Device to CNS • • • • • • • • •	٠	٠	•	•	•	•	•	•	•	•	•	•	39
Connecting Your Device to Wireless LAN Using "eduroam" • •	٠	٠	•	•	•	•	•	•	•	•	•	• •	47
Connecting Your Device to Wireless LAN Using "keiomobile2"	٠	٠	•	•	•	•	•	•	•	•	•	• •	49
Connecting Your Device to CNS by EAP-PEAP Authentication	•	•	•	•	•	•	•	•	•	•	•	•	50

3 CNS Mail

Using Your CNS Mail Account	•	•	•	•	•	•	•	•	•	•	•	•	•	•	54
Checking Your CNS Mailbox from On-Campus Computers	٠	۰	•	٠	•	•	•	•	٠	٠	•	٠	•	•	55
Configuring Your CNS Mail on Your PC (Windows 11) \cdot •	٠	۰	•	٠	•	•	•	•	٠	٠	•	٠	•	•	56
Configuring Your CNS Mail on Your Mac (macOS) \cdot · · ·	٠	۰	•	٠	•	•	•	•	٠	٠	•	٠	•	•	60
Configuring Your CNS Mail on Your iOS Device $\cdot \cdot \cdot \cdot$	٠	۰	•	٠	•	•	•	•	٠	٠	•	٠	•	•	63
Configuring Your CNS Mail on Your Android Device \cdot · ·	٠	۰	•	٠	•	•	•	•	•	٠	•	٠	•	•	69
Various Settings in CNS Mail •••••••••••	•	٠	•	•	•	•	•	•	•	•	•	•	•	•	74

4 CNS Printers

Using Printers at SFC •••••	۰	٠	٠	•	٠	•	•	٠	٠	٠	٠	٠	•	•	•	•	•	٠	٠	٠	•	۰	٠	78
Printing from On-Campus Computers	٠	٠	٠	•	•	•	•	٠	٠	•	•	•	•	•	•	٠	•	•	•	٠	•	٠	٠	85
Printing from Your PC (Windows 11)	٠	٠	٠	•	•	•	•	٠	٠	•	•	•	•	•	•	٠	•	•	•	٠	•	٠	٠	87
Printing from Your Mac (macOS) •••	٠	٠	٠	•	•	•	•	٠	•	•	•	•	•	•	•	•	•	•	•	٠	•	٠	•	90
Printing from Your iOS • • • • •	•	٠	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	92
Printing from Your Android ••••	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	94
Printing from web print • • • • •	•	٠	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	98

5 Antivirus

Protecting Your Computers from Security Threats • • •	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	102
Installing Antivirus Software on Your PC (Windows 11)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	103
Installing Antivirus Software on Your Mac (macOS) 🔹 •	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	108
How to Update Your Windows / macOS System •••	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	116

б CNS Servers

Using CNS Servers ••••••••••••••••••••••••••••••••••••	•	•	•	•	•	•	•	•	•	•	120
Remote Access to CNS Servers ••••••••••••••••••••••••••••••••••••	٠	•	•	•	•	•	•	•	•	•	121
Transferring Files to CNS from Your PC (Windows 11) with WinSCP	•	•	•	•	•	•	•	•	•	•	131
Transferring Files to CNS from Your Mac (macOS) with Cyberduck \cdot	•	•	•	•	•	•	•	•	•	•	135
Publishing Files on the Web	٠	•	•	•	•	•	•	•	•	•	137

7 FAQ

Services that Require Pre-registration •	•	٠	•	•	•	•	•	•	•	•	•	• •	•	•	•	•	•	•	•	•	•	144
Using Microsoft 365 Apps • • • • •	•	٠	•	•	•	٠	•	•	•	•	•		•	•	•	٠	٠	•	٠	•	•	146
How to Change Account Passwords • •	•	٠	•	•	•	٠	•	•	•	•	•	• •	•	•	•	٠	•	٠	٠	•	•	147
Troubleshooting • • • • • • • • •	•	٠	•	•	•	٠	•	•	•	•	•	• •	•	•	•	٠	•	٠	٠	•	•	151
Troubleshooting of On-Campus Macs •	•	٠	•	•	•	٠	•	•	•	•	•	• •	•	•	•	٠	•	•	٠	•	•	153
How to Check a PC's Operating System	•	٠	•	•	•	•	•	•	•	•	•	• •	•	•	•	•	•	•	•	•	•	156
SFC-CNS Technical Support Services •	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	157

8 Appendix

Terms of Use $\cdots \cdots \cdots \cdots \cdots \cdots \cdots$	٠	٠	٠	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	160
Rules of Using On-Campus Computers	•	•	٠	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	161
List of Available Equipment on Campus	•	•	٠	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	162
Copyright Rules and Claims • • • • •	٠	•	٠	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	163

COLUMN

About VPN • • • • • • • • • • • • • • • • • • •	٠	• •	•	٠	•	•	•	•	•	٠	•	•	٠	٠	٠	٠	13
Threats on the Web $\cdots \cdots \cdots$	•	• •	•	٠	•	•	•	٠	•	٠	•	•	٠	٠	٠	٠	115
About Keio ID and Keio Apps ID • • • • • • •	•	• •	•	•	•	•	•	•	•	٠	٠	•	٠	٠	٠	٠	141
Tips for Creating Stronger, More Secure Passwords	•	• •	•	•	•	•	•	•	•	٠	•	•	٠	٠	٠	•	150

Start Up

Introduction to SFC-CNS and other frequently used websites

What is SFC-CNS ? • </th <th>8</th>	8
Websites You Can Use on Campus ••••••••••••••••••••••••••••••••••••	10
Using SOL •••••••••••••••••••••••••••••••••••	• 10
keio.jp • • • • • • • • • • • • • • • • • • •	• 11
Other Websites ••••••••••••••••••••••••••••••••••••	• 12
Access Content Only Available on Campus from Outside • • • • • • • • • • • • • • • • • •	13

What is SFC-CNS ?

01 What is SFC-CNS?

SFC-CNS stands for Shonan Fujisawa Campus - Campus Network System. A network is a web of interconnected computers that share information resources, which is an integral part of our society. CNS is the network system that supports academic life of Shonan Fujisawa Campus.

Network system resources available for your use are delivered in different forms, including wireless network access points, various web systems, and many other resources. CNS is the overall environment of all shared network resources for students, faculty, and staff at SFC.

On campus, there are a number of computers connected to CNS for research and educational purposes. All students, faculty, and staff on campus are free to use the shared resources through these computers installed on campus or on your personal computers.

02 What is an "Account"?

Many people at SFC use CNS. Those who use the system are called "users," and their privileges to use CNS are called "accounts."

Accounts on CNS are assigned to students, faculty, and staff in the Faculty of Policy Management, Faculty of Environment and Information Studies, Faculty of Nursing and Medical Care, Graduate School of Media and Governance, and Graduate School of Health Management, according to the CNS Terms of Use (refer to [p.160 : Terms of Use]).

If you would like to obtain a CNS account but are not a student, faculty, or staff of the five departments listed above, you can view details about applying for a CNS sub-account by viewing at the "Information for Students at Other Campuses" page of the Shonan Fujisawa Information Technology Center (ITC) website: \Rightarrow <u>https://secure.itc.keio.ac.jp/c/a/sfc/en/other_</u> campus_sfc.html

* If you are only taking correspondence courses or foreign language courses, you are not eligible to receive a CNS account.

In order to identify users and manage the security of CNS, all students on campus are provided with a CNS account. A CNS account has a uniquely assigned login name and a password. The login names of undergraduate students contain the user's faculty, enrollment year, and initials.

CNS Mail

2



The example login name shown above belongs to a student enrolled at the Faculty of Environment and Information Studies in academic year 2023. Each user has an email address in the form "[your CNS login name]@sfc.keio.ac.jp," which can be accessed by using a seperate password from your CNS login password (refer to [p.54: Using Your CNS Mail Account]).

03 Password Management

A CNS login password is used to confirm your identity when accessing certain resources on CNS. You must make a password that satisfies the following conditions:

- Contains only alphanumeric characters and certain special characters
- Contains 10 or more characters
- Contains at least one uppercase character, one lowercase character, and one number

The following password types **should be avoided completely** because they can be easily guessed.

- Your name or any relative's name
- Common dictionary words
- Birthday, address, telephone number, or repeated sequences of characters -e.g. Yukichi0110 (Combination of your name and birthday)

Your CNS account may be suspended. For help changing your password, please refer to [p.147: How to Change Account Passwords]. If you forget your password, or if your account has been suspended, please bring your student ID or campus card to the CNS service desk at the Shonan Fujisawa Information Technology Center (refer to [p.157 : SFC-CNS Technical Support Services]).

Having your CNS account information stolen not only puts your account at risk but the entire CNS environment. In order to reduce the chances of having your information stolen, please be careful with how you handle your passwords. In particular, <u>do not</u> write them down or tell them to anyone, including faculty, staff, or friends.

<u>Do not</u> share your password, even in the following occasions:

- When faculty or staff members ask for your password.
- When you want your friends to do something for you using your account.

If you suspect any suspicious activity involving your CNS account, change your CNS login password immediately and consult the CNS service desk at the Shonan Fujisawa Information Technology Center (refer to [p.157 : SFC-CNS Technical Support Services]). To change your CNS login password, please refer to [p.147 : How to Change Account Passwords].

Websites You Can Use on Campus

Using SOL

	💮 CANVAS	<u>コースの参照</u>	
1	CNS アカウント		
2	バスワード 		
	■ サインインしたままにする	ログイン	3

01 What is SOL?

SOL is the SFC's class management system. You can view class information, submit assignments, and check class materials. Please access from the following URL.

 \Rightarrow <u>https://sol.sfc.keio.ac.jp/</u>

Please enter your CNS login name in ①, and your CNS login passwords in ②, and click ③ "Login".



All Courses	10-2021 - 曜日 四全て 0月 0大 0	水 [木 [金] 時限 四 全て [1] 2 [13 04 05 06 01月3-208 01日日-2086頃く 検索
 ▲ ▲ ★ ■ ■<th>副元会日(1)/10MNA48(1)</th><th>日売金4/5EMINARA</th><th>BYRAB (U/ KOMNAR B(U)</th>	副元会日(1)/10MNA48(1)	日売金4/5EMINARA	BYRAB (U/ KOMNAR B(U)
	万年日4月37年8月会	金額目1時度金額22期度/キロ第一	Theme-Arbity (Arbity)
研究会 A / SEMINAR A	研究会A/SEMINARA	研究会入了SEMINARA	- 研究会人/SIMNAGA
大規則4時度大規則5時度/加勝貴語	AND 2018/AND 3110/NH NR	月曜日4時回月東日5時間/首都州	金曜日3時第4世4日日/道理

マニア ・ 気化した ・		
	会話が選択されていません	
	883-4 · 883-64 ·	★148日 ・ ★148日 * ★148日 * ★148日 * ★148日 * ★148日 * ★148日 * ★14801 * ★14801 * ★14801 * ★14801 * ★14801 * ★14801 * ★14801 * ★14801 * ★14801 * ★14801 * ★14801 * ★14801 * ★14801 * ★14801 * ★14801 * ★14801 * ★14801 * \$

02 Using SOL

You can check your courses on the "Dashboard" which appears when you click on the **①** icon. By clicking on the name of the course, you will be able to view the class page for each course, check the course content, download lecture materials, and submit assignments.

03 Checking your syllabus

You can view the syllabus for all courses offered at SFC by selecting "All Courses" from the "Courses" menu, which appears when you click on the "Inbox" icon.

04 Communication on SOL

Through SOL, you can receive communications from your course instructors and send questions. Click on the icon "Inbox" to see the messages you have received or to create a new message.

CNS Mail

CNS Printers

4

2

keio.jp



01 What is keio.jp?

Keio.jp is the identity management platform used in Keio University. The system can also be used to obtain student software licenses.

⇒ <u>http://keio.jp/</u>

You must set up and activate your keio.jp account on the keio.jp registration web site.

After activating your account, type your keio.jp ID in **1** "ID" and your keio.jp password in **2** "Password." Then, click **3** "Login."

If there are any questins about the activation of keio. jp account, please contact Shonan Fujisawa ITC(For contact details, please refer [p.157 : SFC-CNS Technica Support Services] .)



02 Use keio.jp

On keio.jp, you are free to download licenses for software, and browse through various research journals and publications.

The software licenses that students are allowed to use are listed on [p.145 : Software Licensing Center] . To issue a license after accessing keio.jp, please check STEP 01 \sim 08 of [p.103 : Installing Antivirus Software on Your PC (Windows 11)] .

Other Websites



01 SFC.Data.Science

Information on SFC's Data Science course timetables, reference works, and data science sessions. \Rightarrow <u>https://ds.sfc.keio.ac.jp/</u>

# Welness System	Login Timeti	atle	Rule				
2022/9/19 (More) 13:05:20 Jogn Jonetable JRule	Wellness Sy login: password: Please ent Studenta The resent Available Cl	Iogin Cwellner ar CNS i cannot u color will action fo lasses:	ension 3.1 is in general, please refer to thin ogin name and password for re- se the system from 5/30am to be open from 0/10 (Mon). this semaster will start from 5 2022/10/3 (Mon)	s home page. sservation of welness 2 tr Gam every morning durin //19 (Mon) Gam.) 5 classes g the syst	i. em mairr	tenance.
	Date	Period	Sports	Teacher	Place	Exercise	Available
	10/3 (Mon)	2/8	Kendo	Satoshi Amano	SFCRIZE	Low	20
			Tennis	Yasuo Miyazaki	SFCアニス コート	High	32
			Mind Exercise	Gen Sadayasu	112	Low	26
		381	Kendo	Satoshi Amano	SFCRIER	Low	20
			Tennis (guidance)	Yasuo Miyazaki	5FC7=X 3=5	High	23
			Classical Ballet	Yaeko Kato	749183	Medium	18
			Pro-Wrestling Style Exercise	Tokimitsu Ishizawa	S/CRIME	Medium	20
		4限	Gigong	Yaeko Kato	STCRI26	Low	22
			Dasketball	Nacki Sasaki	15FC7-9 -71	Medium	21
		-	Red Frenches	Our Outerney		1 march	- 20

02 Wellness(Physical Education) System You can write notes, submit reports, and make reservations for Physical Education 2-5 classes.

 \Rightarrow <u>https://wellness.sfc.keio.ac.jp/v3/index.php?lang=en</u>

5.0			Got	ogle ##	۹	@Ask Us / Contact	Us 8#11	
~	Keio University Libraries		1	Media Centers	Q Find/Se	arch 📋 On	line Forms	
	Shonan Fujisav (Library)	va Media Cente	er <u>1</u>					
		ta Tan				All and		
Medi	is Center TOP > Shonan	Rujsawa Media Center	Catalog	Articles	My L	Jbrary		
Medi Ne	ia Center TOP > Shonan ews/Event ew Books (Japanese)	Fujisawa Media Center KOSMOS	Catalog Search Materials	Articles	My L	lbrary	earch,O	
Medi Ni Ni Se	ia Center TOP > Shonan awa/Event ew Books [Japanese] ervices	Fujisawa Media Center KOSMOS	Catalog Search Moterials	Articles	My L	Jbrary	earch,O	
Medi Ni Se Fa	ia Center TOP > Shonan exs/Event ew Books (Japanese) ervices aciitiss	Fujisawa Media Center KOSMOS	Catalog Search Materials	Articles	My L	lbrary S	earch,O	
Medi Ni Ni Se Fa Fa Fa	is Center TOP > Shonan exer(Event evel Books [Japanese] envices acitities loor Map	Fujsawa Media Center KOSMOS Pickup Conter	Catalog Search Materials	Articles	My L	Jbrary	earch,O	

03 Shonan Fujisawa Media Center (Library)

Opening hours of the Media Center and library event news are available through this website. You can also make a reservation for using the AV Hall, studios, and so forth.

⇒ <u>https://www.lib.keio.ac.jp/en/sfc/</u>



04 KOSMOS

KOSMOS allows you to search for books in the Keio University libraries, reserve books, and check the status of any currently checked-out books.

⇒ <u>https://search.lib.keio.ac.jp/discovery/</u> search?vid=81SOKEI_KEIO:KEIO&lang=en

start Up

Wireless LAN

CNS Mail

CNS Printers

4

3

2

3 Access Content Only Available on Campus from Outside

Browsing the Web Using the CNS Network over WebVPN

Several webpages are accessible only on campus due to licensing restrictions. However, you can use these websites from outside SFC if you have a CNS account. SFC has several different methods for accessing restricted content. Here, we will explain how to browse websites with WebVPN.

Shonan Fujisawa Campus CNS VPN Service

()1

Open a web browser and go to the following URL: \Rightarrow https://vpn3.sfc.keio.ac.jp

Type your CNS login name in ① "CNS login name" and your CNS login password in **2** "CNS login password." Then, click 3 "LOG IN."

02

Type the URL of the webpage you want to browse in **①** and click **2** "GO." You can browse the website almost as if you were on campus.

COLUMN vol.1

About VPN

VPN stands for Virtual Private Network, which enables a computer to access and transmit data to a private network as if it were connected directly. It extends a private network over a public network, such as the internet. VPNs allow computers connected to the internet to work from remote places while benefiting from the security and management systems of the private network. SFC has several different methods for accessing content restricted to on-campus use. To get more details, see "VPN Service" on the ITC website.

 \Rightarrow https://www.sfc.itc.keio.ac.jp/en/network_cns_vpn2.html



ß

How to connect to the wireless LAN available on campus from your own device.

About the Wireless LAN Environment on Campus • • • • • • • • • • • • • • • • • • •	16
Connecting Your PC (Windows 11) to CNS • • • • • • • • • • • • • • • • • • •	17
Connecting Your Mac (macOS) to CNS • • • • • • • • • • • • • • • • • • •	27
Connecting Your iOS Device to CNS • • • • • • • • • • • • • • • • • • •	32
Connecting Your Android Device to CNS • • • • • • • • • • • • • • • • • • •	39
Connecting Your Device to Wireless LAN Using "eduroam" • • • • • • • • • • • • • • • • • • •	47
Connecting Your Device to Wireless LAN Using "keiomobile2" • • • • • • • • • • • • • • • • • • •	49
Connecting Your Device to CNS by EAP-PEAP Authentication ••••••••••••	50

1 About the Wireless LAN Environment on Campus

Wireless network access points are available across campus for research and educational purposes. Wireless local area networks (LAN) are networks which connect devices using wireless radio signals. The wireless network used by CNS uses a set of standards known as IEEE 802.11 a/n/ac, which is supported by most modern devices. Your access to CNS must be authenticated via personal certificate using a method known as EAP-TLS. Your certificate strengthens the security of your connection and authenticates you and your devices to the network.

In this section, we will explain how to access the internet using a personal certificate using Windows, macOS, iOS, and Android.

If any of your devices are not compatible with EAP-TLS authentication, you should use EAP-PEAP authentication instead, which is explained in [p.50 : Connecting Your Device to CNS by EAP-PEAP Authentication].



Connecting Your PC (Windows 11) to CNS



0

Settings

Caurch the web Q control pa - See web results

Network and Internet

Control Panel Home

System and Security Network and Internet

Hardware and Sound Programs User Accounts

Appearance and Personalization Clock, Language, and Region Ease of Access

Network and Sharing Center

Control Panel Home

Change adapter settings Change advanced sharing settings

← → · · ↑ 🚇 > Control Panel > Network and Internet >

→ ~ ↑ 職 « Network and Internet → Network and Sharing Center

Chang

9

publeshoot problems

View your active networks

Network and Sh

• HomeGroup Choose homegroup and sharing options

Intel(R) HD Graphics Control Panel

01

First connect to the wireless LAN used for setting up network access on new devices. If you have a mobile router or any other method of connecting to the internet, skip to STEP 08. On the bottom left of the screen you will have to search **①** "Control Panel" and from the results open 2 "Control Panel."

03

Х

×

P

✓ ひ Search Control Panel

V C Search Control Panel

Access type: Internet Connections: @ Ethernet

or set up a router or access point

a

Internet Options
 Change your homepage | Manage browser add-ons | Delete browsing history and coo

View your basic network information and set up connections

10

Troubleshoot problems Diagnose and repair network problems, or get troubleshooting information

Click **1** "Network and Sharing Center."

Click ① "Set up a new connection or network."

CNS Printers 4

Start Up

1

2

Wireless LAN

CNS Mail

3



05

Select ① "Manually connect to a wireless network" and click ② "Next."

Enter information	n for the wireless network you want to add	
Network name:	000000SFC	
Security type:	No authentication (Open) 💛	
Encryption type:	None	
Security Key:	Hide characters	
 3 Start this connect 4	tion automatically the network is not broadcasting select this option, your computer's privacy might be at risk.	
	5 Next	Cance

06

Type "000000SFC" in **①** "Network name" and select "No authentication (Open)" from **②** "Security type." Make sure that **③** "Start this connection automatically" is unchecked, and check **④** "Connect even if the network is not broadcasting." Then, click **⑤** "Next."

 Manually connect to a v 	vireless network	
Successfully added (000000SFC	
→ Change conne Open the connection	ection settings on properties so that I can change the settings.	
		Close

07

Click **1** "Close."

* "000000SFC" can only be used for setting up Wireless LAN connection. It can not be connected outside campus.

Device registration or CNS Wireless LAN
or CNS Wireless LAN
Purpose of this webpage:
Insue Download Invalidate your personal certificate. Register of identical information (MAC address) of your device.
Please enter your CNS login name. 122coat

08

Open a web browser and go to the URL: \Rightarrow <u>https://itcsecure.sfc.keio.ac.jp/wlan/?lang=en</u>

Type your CNS login name in **1** and your CNS login password in **2**, then click **3** "Start the registration."

CNS Personal certificate / Device registration for CNS Wireless LAN

Issue of the personal certificate Issue Issue the personal certificate Register/Delete the device information

CNC Porconal cartificato /

Device registration	
for CNS Wireless LAN	
This process will issue the personal certificate.	
Please enter the passphrase for the encryption of the personal certificate. You need your passphrase to install the personal certificate.	0
Please enter the passphrase	More than 8 characters)

	Device	registration	
	for CNS	Wireless LAN	
		[logout
-	Download of	the personal certificate	
0	Download will start Please click here if o Download	t automatically. download will not surt.	
-	Information of th	he personal certificate	
0	Login name	t23xxxtk	
U	Issued date	2021/07/31 17:52:24	
🕞 s18160	rop12 ^		[

09

If this is your first time creating a personal certificate, select "Issue" in **1** and click **2** "Submit."

If you have already issued your personal certificate, and the certificate is still valid, select "Download" in ①, click ② "Submit," and skip to STEP 11.

New students have already issued a personal certificate at the time of CNS account pre-registration, so select "Download" in ① and move on to STEP 11. If your certificate has expired, select "Reissue" in ① and click ② "Submit." If you select "Reissue," your previously issued certificate will be invalidated.

You can confirm the expiration date of your certificate by following the instructions at the following site. Once the expiration date has passed, you will not be able to connect to the campus wireless LAN, so you will need to delete the old certificate and reissue a new one. For more details, please refer to [p. 25 How to delete an old certificate] or the website below. \Rightarrow https://secure.itc.keio.ac.jp/c/a/sfc/en/network_ information_wireless_802_1x_renew.html

10

Make a new passphrase for your personal certificate. This password is necessary to protect your personal certificate against unauthorized use and must contain at least 8 characters. Type your passphrase in • and • , then click • Issue the personal certificate." This passphrase will be used in STEP 14 and will be required when installing your certificate on any additional devices.

11

Your browser will prompt you to download the certificate. If you are using Firefox, a dialog box will appear at the bottom of the window. Click **1** "Open." If the download does not automatically begin, click **2** "Download."

4

Wireless LAN

2

3

CNS Mail

Start Up



12

Open the file you just downloaded and wait for the "Certificate Import Wizard" to appear. Check ① "Current User," then click ② "Next."



13

Make sure that the path to your downloaded certificate is correctly entered in **①** "File Name." Then click **②** "Next."



14

Type your personal certificate passphrase from STEP 10 in **1** "Password" and check **2** "Include all extended properties." Then, click **3** "Next."

* If you have forgotten the passphrase, return to STEP 09 and reissue your personal certificate.

Certificate Store					
Certificate st	ores are system areas v	where certificates a	re kept.		_
Windows can the certificat	automatically select a c	certificate store, or	you can specify	a location for	
Autom	atically select the certifi	icate store based or	n the type of ce	rtificate	
O Place a	Il certificates in the follo	owing store			
Certifi	cate store;				
				Browse	
			_		

Certificate Import Wizard
Completing the Certificate Import Wizard
The certificate will be imported after you click Finish.
To have specified the following settings:
Tele Name
C:#Users#Keio_SFCWDownloads#123xxxxtk.p12
Tinish
Cancel



17

"Next."

If a security warning shows up, click **①** "Yes" after confirming the thumbprint of the CNS root certification authority (CA) matches the following value:

FB:90:09:D1:F6:45:EE:9B:B8:21:8A:09:E3:3F:B0:99:0 0:58:0E:63.

If the thumbprint does not match, you should stop and contact ITC.

Start Up

Wireless LAN

2

1



make sure to delete the old certificate.



Certificate Import Wizard

The import was successful.

0

×

OK

19

18 Click ① "OK."

Go back to "Control Panel" and open "Network and Sharing Center" from "Network and Internet." Then, click **①** "Set up a new connection or network."

If you have reissued your personal certiticate, please

🐲 Set Up a Connection or Network Choose a connection option Connect to the Internet Set up a broadband or dial-up connection to the Internet. Set up a new network Set up a new router or access point 0 t to a hidden n Connect to a workplace Set up a dial-up or VPN connection to your workplace. ื่อ

20

Select **1** "Manually connect to a wireless network" and click 2 "Next."

21

Type "CNS" in **①** "Network name." Select "WPA2-Enterprise" from **2** "Security type" and check **3** "Start this connection automatically." Then click @ "Next."



Warning: If you select this option, your computer's privacy might be at risk.

0

Next

Cancel

Start this connection automatically Connect even if the network is not broadcasting



CINS WIReless Network Properties				
Connection Security				
Security type:	WPA2-Enterprise	\sim		
Encryption type:	AES	\sim		
Choose a network authentication method:				
Microsoft: Smart Card or other certifica Settings 2				
Remember my credentials for this connection each time I'm logged on				

Below "Choose a network authentication method," select **0** "Microsoft: Smart Card or other certificate," and click 2 "Settings."



25

Check ① "Verify the server's identity by validating the certificate." Check ② "KEIO SFC Root CA G2" in the "Trusted Root Certification Authorities." Then, click ③ "OK."



26 Click **0** "OK."



27

Click the internet access icon in the bottom right of the screen. Select ① "[your CNS login name]@sfc.keio.ac.jp" and then click ② "OK."



If you want to make sure your device is connected, look at the bottom left of your screen, click the **①** Windows icon, then click **②** "Settings."

Wi-Fi	
Wi-Fi	
On On	
CNS	
Connected, secured	
Show available networks	
Hardware properties	
Manage known networks	
Random hardware addresses	
Use random hardware addresses to make i track your location when you connect to d This setting applies to new connections.	t harder for people to ifferent Wi-Fi networks.

Use random hardware addresses
Off

29

Open "Network and Internet" in Settings, then click "Wi-Fi." You will be able to check which LAN is connected now. Once "Connected" is displayed, close "Network and Internet."

Instructions for connecting your Windows to wireless is now complete.



 Internet options - Control Panel

 ← → ↑
 ← ↑

 Internet Options

 Charge temporary Internet file settings

 Block or allow pop- ups

 Network and Sharing Center

 Media streaming options

 Connort to a network

 Windows Defender Firewall
 Allow an app through Windows Firewall

a01 How to delete an old certificate

If you want to delete a previously installed certificate, open **①** "Control Panel."



Select **①** "Internet Options" and open it.

Start Up

1





a03

Click on the 1 "Content" tab and click 2 "Certificates."

a04

Hover the cursor over **①** "[your CNS login name]@sfc. keio.ac.jp" to check the expiration date, and if it has expired, click **②** "Remove."

Certificates	×
You cannot decrypt data encrypted using the certificates. Do you want to delete the certificates?	
Yes No	

a05

Click **1** "Yes" when the warning message appears.

How to delete an old certificate is completed.

Connecting Your Mac (macOS) to CNS



01

First, connect to the wireless LAN used for setting up network access on new devices. If you have a mobile router or any other method to connect to the internet, skip to STEP 03. If not, click ² "Other..." from the list of **1** Wi-Fi icon.

Start Up

1



02

Type "000000SFC" in ① "Network Name." Uncheck ② "Remember this network." Then, click ③ "Join."

* "000000SFC" can only be used for setting up Wireless LAN connection. It can not be connected outside campus.

CNS Personal certificate / Device registration for CNS Wireless LAN				
Purpose of this webpage:				
 Issue/Download/Invalidate your personal certificate. Register of identical information (MAC address) of your device. 				
Please enter your CNS login	Please input English single-byte characters.			
Please enter your CNS login pas	Please input English single-byte characters.			
Start the registratio				
· For Android 11 devices, please download the root certificate when connecting to keiomobile2,eduroam.				
Security Communication RootCA2				
If you are using iPhone/iPad/iPod touch,				
you can configure mail and VPN as well as wireless LAN.				

03

Open a web browser and go to the following URL : \Rightarrow https://itcsecure.sfc.keio.ac.jp/wlan/?lang=en Type your CNS login name in **①** and your CNS login password in **②**. Then, click **③** "Start the registration."





04

If this is your first time creating a personal certificate, select "Issue" in **1** and click **2** "Submit."

If you have already issued your personal certificate and the certificate is still valid, select "Download" in ①, click ② "Submit," and skip to STEP 06.

New students have already issued a personal certificate at the time of CNS account pre-registration, so select "Download" and move on to STEP 06.

The certificate is valid for the duration of the student's enrollment.

05

Make a new passphrase for your personal certificate. This passphrase is necessary to protect your personal certificate against unauthorized use and must contain at least 8 characters.

Enter your passphrase in **①** and **②**, then click **③** "Issue the personal certificate." This passphrase will be used in STEP 08.

CNS Pe	rsonal certificate /	
Device	registration	
for CNS	Wireless LAN	
		logout
Download o	the personal certificate	
Download will sta Please click here i	rt automatically. Edonalood will not start	
Download	COMPLEXANT WITH BACK PLANT.	
Information of	he personal certificate	
Login name	t23xxxtk	
Issued date	2022/09/05 22:50:55	
	2030/09/03 22:50:55	

Add Certificates Do you want to add the certificate(s) from the file "t23xxxtk .p12" to a keychain? Keychain: Login View Certificates View Certificates

06

Your download will begin automatically. Once completed, open the file you just downloaded. If download does not begin, click ① "Download" to save the file and open the certificate.

If your personal certificate has expired, please refer to (p.31: a01 How to delete an old certificate)

07

Once the window "Add Certificates" appears, make sure the selected keychain in ① is "login." Then click ② "Add."



Type your personal certificate passphrase in **①** "Password" from STEP 05 and click **②** "OK."

* If you have forgotten your passphrase, return to STEP04 and reissue your personal certificate.



09

Click the **①** Wi-Fi icon to get the list of available wireless networks. Then, select **②** "CNS" from the list.



10

From ① "Mode," select "EAP-TLS." From ② "Identity," select "[your CNS login name]@sfc.keio.ac.jp." Make sure to check ③ "Remember this network" and leave the "Username" column blank. Then, click ④ "Join."

000	Verify Certificate			
\bigcirc	Authenticating to network "CN	IS"		
	Before authenticating to server "ns02.sfc.keio.ac.jp", you should examine the server's certificate to ensure that it is appropriate for this network. To view the certificate, click 'Show Certificate'.			
		0		
?	Show Certificate	Cancel Continue		

11

The dialog box shown on the left side will appear. Click • "Continue." Start Up

1



When asked to enter your password, type your macOS account password in ① "Password." Then, click ② "Update Settings."



13

The dialog box shown on the left side will appear. Click **①** "Always Allow."



14

Again, click **①** "Allow" on the dialog box. From now on, if you are on campus, your computer will connect to CNS automatically.

Connecting Your Mac (macOS) to CNS is completed.



a01 How to delete an old certificate

To delete an old certificate, first click on **2** "Keychain Access" in the **1** "Utilities" section of the application.

• • •	Keychain Access	(Q Search
Default Keychains	All Items Passwords Secure N	otes My Certificates	Keys Certificates	
🗗 login		ata an ta		
d' Local Items	Issued by: KEIO SFC Expires: Tuesday, Se	Intermediate CA G2 ptember 3, 2030 22:50:5	5 Japan Standard Time	
System Keychains 🗸	KEIO SFC Root C	A G2" certificate is not tru	isted	
System Keychains V System System Roots	*KEIO SFC Root C Name	A G2" certificate is not tru Kind	Date Modified	~ Expires
System Keychains V System System Roots	Name	A G2" certificate is not tru Kind	Date Modified	 Expires Sep 3, 2030 22:50:
System Keychains V System System Roots	♦ *KEIO SFC Root C Name 123xxxtk: @sfc.keio.ac.jp Ŷ Private Exchange Key	A G2" certificate is not tru Kind New Identity Prefe	Date Modified	 Expires Sep 3, 2030 22:50:
System Keychains V System System Roots	*KEIO SFC Root C Name 123xxxtk @sfc.keio.ac.jp Private Exchange Key Private Exchange Key	A G2" certificate is not tru Kind New Identity Prefe	Date Modified	 Expires Sep 3, 2030 22:50:
System Keychains V System System Roots	KEID SFC Root C Name T23xxxt: @sfC.kelo.ac.jp Private Exchange Key Private Exchange Key Private Exchange Key Private Exchange Key	A G2" certificate is not tru Kind New Identity Prefe Copy * t23xxxtk (Delete # c31xxxtk	Date Modified	 Expires Sep 3, 2030 22:50:

a02

Select **①** "Certificates", and click **②** "Delete [CNS login name]@sfc.keio.ac.jp." which appears when you rightclick "[CNS login name]@sfc.keio.ac.jp."

After deleting the certificate, return to STEP01 and reissue your personal certificate. If you want to connect to other multiple devices after the reissue, select "Download" because only the latest certificate will be valid. If you are still unable to connect after adding the certificate, please "reboot" your device.

This is the end of the procedure for connecting your Mac (macOS) to CNS .

Connecting Your iOS Device to CNS



01

On your home screen, tap **①** "Safari."

* This procedure assumes that your smartphone has a 4G/5G connection.

* If you don't have 4G/5G connection, please connect to SSID "000000SFC" from wireless settings.



02

Type the following URL in **①** or scan the following QR code, and go to the registration page :

 \Rightarrow <u>https://itcsecure.sfc.keio.ac.jp/wlan/?lang=en</u>



CNS Personal certificate / Device registration for CNS Wireless LAN

Please try with Safari. You can not download the certificate in Google Chrome.

Wireless LAN configuration for iPhone:

- Issue of the private certificate
- Download of configuration profile for iPhone



03

Type your CNS login name in ① "CNS login name" and your CNS login password in ② "CNS login password." Then, tap ③ "start registration."

CNS Personal certificate / Device registration for CNS Wireless LAN logout

Issue Issue the personal certificate

2

Issue

)4

If this is your first time creating a personal certificate, select "Issue" in **1** and tap **2** "go."

If you have already issued your personal certificate and the certificate is still valid, select "Download" in ①, tap ② "go," and skip to STEP 06.

New students have already issued a personal certificate at the time of CNS account pre-registration, so select "Download" and move on to STEP 06.

If your certificate has expired, select "Reissue" in **1** and tap **2** "go." If you select "Reissue," your previous certificate will be invalidated.

You can confirm the expiration date of your certificate by following the instructions at the following site. Once the expiration date has passed, you will not be able to connect to the campus wireless LAN, so you will need to delete the old certificate and reissue a new one. For more details, please refer to the website below.

⇒ <u>https://secure.itc.keio.ac.jp/c/a/sfc/en/network_</u> information_wireless_802_1x_renew.html Start Up

Wireless LAN

CNS Mai

3

1



Make a new passphrase for your personal certificate. This passphrase is necessary to protect your personal certificate from unauthorized use. It must contain at least 8 characters. Enter your passphrase in **1** and **2** and tap **3** "Issue the personal certificate." This passphrase will be used in STEP 18.



06

Now you'll be on a selecting site of Setting profile. Tap **①** "Download" next to "Profile(A)."

If you select "Profile(C)," you can set up both wireless LAN connection and CNS mail at the same time.

Also by selecting "Profile(B)," you can add VPN settings at the same time. To check VPN [p.13 : Access Content Only Available on Campus from Outside] inside the colomns [About VPN].

If you want to set up CNS mail, tap "Download" next to "Profile(B)" or "Profile(C)." Then follow STEP 6~21 of **[**p. 63 :Configuring Your CNS Mail on Your iOS Divice**]** . Then follow STEP 21 and STEP 22 in this section to set up your wireless LAN connection.



07

The dialog box shown on the left side will appear. Tap **①** "Allow."





On your home screen, tap **①** "Settings."



10

11

If **①** "Profile Downloaded" is displayed, tap it and go on to STEP 13.

X	Screen Time	>
0		
	General	>
	Control Center	>
AA	Display & Brightness	>

If "Profile Downloaded" is not displayed in Settings, tap • "General." Start Up

Wireless LAN

2

1





13

The downloaded profile will be displayed. Tap the **①** Profile.

Cancel	Install Profile	Install	14
			Tap 1 "Install.
	SFC-CNS 利用設定 慶應義塾湘南藤沢ITC		
Signed by	Not Signed		
Description	SFC-CNS の利用設定 - 無線LAN		
Contains	Wi-Fi Network 3 Certificates		
More Det	ails	>	



15

Type in your iOS device passcode.


2 Wireless LAN



20

Go back to your home screen and tap **①** "Settings."



K Settings Wi-Fi	
0 Wi-Fi	
CNS	• 🗢 (i)
keiomobile2	• 🗢 (i)
Other	

22

Turn on **①** "Wi-Fi."

Tap **2** "CNS." From now on, if you are on campus, your device will connect to CNS automatically.

Connecting Your iOS Device to CNS is completed.

* The new personal certificate may not be installed properly if you have older profiles installed. Make sure to delete any older SFC-CNS profiles first, then try again if you encounter problems.

Start Up 1



Connecting Your Android Device to CNS



Google

Search or type web address

0

()1

On your home screen, tap the **①** Chrome icon.

The procedure for setting up an Android device depends on the specific model. This explanation uses a Xperia Z3 Compact (SO-02G).

02

Ĵ

Type the following URL in **①** and go to the registration page or scan the following QR code : \Rightarrow https://itcsecure.sfc.keio.ac.jp/wlan/?lang=en





CNS Personal certificate / **Device registration** for CNS Wireless LAN Purpose of this webpage: • Issue/Download/Invalidate your personal certificate. • Register of identical information (MAC address) of your device. 0 Please enter your CNS login name. input English single-byte nput English single-byte Please enter your CNS login password ØĽ

03

Type your CNS login name in **①** "CNS login name" and your CNS login password in **2** "CNS login password." Then, tap 3 "Start the registration."

for CNS	Wireless LAN	
ssue of the	e personal certificate	
Issue	Issue the personal certificate	
Register/Delete the device information Registration of the device		
SFC-ITC SFC official web site Keio university SFC-ITC		

If this is your first time creating a personal certificate, select "Issue" in **1** and tap **2** "Submit."

If you have already issued your personal certificate and the certificate is still valid, select "Download" in ①, tap ② "Submit," and skip to STEP 06.

New students have already issued a personal certificate at the time of CNS account pre-registration, so select "Download" and move on to STEP 06.

If your certificate has expired, select "Reissue" in **1** and tap **2** "go." If you select "Reissue," your previous certificate will be invalidated.

You can confirm the expiration date of your certificate by following the instructions at the following site. Once the expiration date has passed, you will not be able to connect to the campus wireless LAN, so you will need to delete the old certificate and reissue a new one. For more details, please refer the website below.

⇒ <u>https://secure.itc.keio.ac.jp/c/a/sfc/en/network_</u> information_wireless_802_1x_renew.html

[■] This process will issue the personal certificate.
Please enter the passphrase for the encryption of the personal certificate. You need your passphrase to install the
personal certificate.
Cancel the registration SFC-ITC web site SFC official web site Keio university SFC-ITC

05

Make a new passphrase for your personal certificate. This password is necessary to protect your personal certificate from unauthorized use and must contain at least 8 characters. Enter your passphrase in • and • and tap • Issue the personal certificate." This passphrase will be used in STEP 10.

Wireless LAN

Start Up

1

2

Your download should begin automatically. If it does not, tap **①** "Download".

When a dialog like the one shown on the left left appears, click **2** "Download".

There are some models that cannot download personal certificates properly. If you have any issues downloading or installing your personal certificate, please refer to [p. 50 :Connecting Your Device to CNS by EAP-PEAP Authentication].

Calculator Calendar Camera Chrome Clock Tap 1 "Files". Drive Files Gmail Contacts Google 08 CATEGORIES a Tap 1 "Downloads". 1 Downloads Images • 🗣 🕯 11:30 **G** 🗹 🕨 🎯 Tap ① "[CNS login name].p12". : \leftarrow Downloads H F All Download Today 0 t23xxxtk .p12 6.49 KB, 2 minutes ago

06

logout

 ▲ Do you want to download t23xxxtk .p12 Х again? 6 Cancel Download

Download of the personal certificate

Information of the personal certificate

Download will start automatically. Please click here if download will not start.

Ð

Login name t23xxxtk

CNS Printers

Wireless LAN



• Enter the passphrase that you entered when the certificate was issued and tap • "OK".

Select "Wi-Fi certificate" and tap 2 "OK".

Name this cer	tificate
Certificate name	
CNS	
0	0
	Cancel OK

Install CA certificates in Settings

This certificate from null must be installed in Settings. Only install CA certificates from organizations you trust.



12

Change the Certificate name to "CNS" and tap"OK".

13

Download the Root certificate of CNS from the following link, and when the message "Install CA certificates in Settings" appears, tap ① "Close."

⇒ <u>https://itcsecure.sfc.keio.ac.jp/downloads/files/</u> <u>KEIO_SFC_Root_CA_G2.pem</u>





← Install a certificate
 CA certificate
 VPN & app user certificate
 Wi-Fi certificate

Tap "CA Certificate".



CA certificate installed

When you see the message "Your data won't be private", tap **①** "Install anyway".

Select **①** "KEIO_SFC_Root_CA_G2.pem" and install it.

20

Verify that the message "CA certificate installed.".

Start Up

1





From "Settings", tap **①** "Network & internet".

			ี วา
←	Wi-Fi	Q (?)	
	Use Wi-Fi		Tap 🛈 "
•	000000SFC Connected	ţ	
•	CNS	•	
•	eduroam	Ð	
•	keiomobile2	Ð	

p 🛈 "CNS".

CNS		
EAP method		
TLS		~
CA certificate		
CNS		-
Online Certificate Status		
Do not validate		-
Domain		
sfc.keio.ac.jp		
User certificate		
CNS		•
Identity		
t23xxxtk		
Advanced options		~
	0	
	Cancel	Connect

Change the settings on this screen to the following values:

EAP method	TLS
CA certificate	CNS
Online Certificate System	Do not validate
Domain	sfc.keio.ac.jp
User certificate	CNS
Identity	(your CNS login name)

Once entered correctly, tap ① "Connect."

* On some devices, you may be prompted to select the connection type. If asked, select "802.1X EAP."

4	Wi-Fi	ଦ
	Use Wi-Fi	•
•	CNS Connected	(j)
	eduroam	ŀ
	keiomobile2	ŀ

24

If "Connected" is shown below "CNS", your device is successfully configured.

Connecting Your Android Device to CNS is completed.

Connecting Your Device to Wireless LAN Using "eduroam"

What is "eduroam"?

"eduroam" is an academic/research wireless LAN roaming infrastructure developed by the GÉANT Association (formerly known as TERENA) in Europe. It is a de facto standard for securely granting wireless network access to visiting academics and researchers in 74 countries and regions around the world, including Japan.

By using eduroam, you can use the wi-fi not only at Keio University campuses, but at other eduroam-participating organizations in Japan and overseas.

Connecting to eduroam



01

Open a web browser and go to the following URL: \Rightarrow <u>https://itcsecure.sfc.keio.ac.jp/form/wifi/</u>

Type your CNS login name in ① and your CNS login password in ② . Then, click ③ "Login."

* This procedure differs from the procedure of setting up a connection to CNS.

* This explanation is based on macOS. For other OS, please refer to this explanation as well.



し∠ Click **0** " パスワード (Password)." 2

Start Up

1

2 Wireless LAN

SFC-CNS WiFi Setup



03

Click 1 "Create."

Remember the password that is displayed. This password will be used in STEP 05.



04

In this section, we will explain how to connect using macOS. If you are using any other devices, go to the following URL to get more details :

⇒ <u>https://www.sfc.itc.keio.ac.jp/en/network_</u> information_eduroam.html

Click the **1** Wi-Fi icon at the top of the screen and click **2** "eduroam."



05

Type [your CNS login name]@sfc.keio.ac.jp in **①** "Username" and your SFC-CNS Wi-Fi password from STEP 03 in **②** "Password." Then, click **③** "Join."

Instructions for using eduroam to connect to wireless LAN is now complete.

Connecting Your Device to Wireless LAN Using "keiomobile2"

What is "keiomobile2"?

"keiomobile2" is a cross-campus wi-fi service offered by Keio ITC. As a member of Keio University, you can connect to the Internet from any campus. keiomobile2 can only be set up inside campus.

In order for students, faculty and staff who have CNS accounts to connect to keiomobile2, you need a keio.jp (Keio ID), or an ITC account and its PEAP password.

P	remise
•	It is available to set up and use keiomobile2 only inside of Keio campus.
	(You can check the WiFi Password from a network outside Keio.)
•	You must have kelo ID or ITC account (ua******, ub******, sa******) to obtain the WI-FI password for wifi connection.
P	rocess to set up kelomoble2
1.	Using keio ID issue or Using ITC account issue
	Before go to step 2, make sure that your WI-FI password is issued.
2.	Set up keiomobile2
R	evising wireless LAN connection settings
•	Procedure for revising wireless LAN connection settings
N	otice

In order to connect to keiomobile2, you need keio.jp (Keio ID) or ITC account (ua*******, ub******, aa*******) to issue a password for Wi-Fi connection.

For more information, please refer to the website below. How to: connect to wireless LAN / Wi-fi Connection Service (keiomobile2)

⇒ <u>https://www.mita.itc.keio.ac.jp/en/net_connect_keiomobile2_peap.html</u>

* keiomobile2 can also be joined using either SFC-CNS personal certificate or PEAP password.

Start Up

Wireless LAN

CNS Mail

2

Connecting Your Device to CNS by EAP-PEAP Authentication

What is EAP-PEAP Authentication?

EAP-PEAP is one of the Extensible Authentication Protocol methods, which authenticates devices using PEAP (Protected EAP). Similar to EAP-TLS, which authenticates clients using a certificate, devices using EAP-PEAP authentication will send their credentials (e.g. ID and password) using an encrypted communications path. In EAP-TLS, both the client and authentication server use certificates to prove their identities to each other, which is known as mutual authentication. Compared to EAP-TLS authentication, EAP-PEAP is slightly less secure; however, since the client does not need a certificate, devices that do not support certificate-based authentication can send encrypted communications easily. When you are connecting to the CNS wireless LAN using devices that are incompatible with EAP-TLS authentication, please use EAP-PEAP authentication.

Connecting to CNS by EAP-PEAP Authentication

SFC-CNS Wil	⁷ i Setup	
	CNS login password ?~ 2	
	Shonan Fujisawa ITC, 1	Keio Unive

01

Open a web browser and go to the following URL: \Rightarrow <u>https://itcsecure.sfc.keio.ac.jp/form/wifi/</u>

Type your CNS login name in **1** and your CNS login password in **2**. Then, click **3** "Login."

* This procedure differs from the procedure of setting up a connection to CNS.

* This explanation is based on macOS. For other OSes, please refer to this explanation as well.



SFC-CNS WiFi Setup		
バスワード(Password)	SFC-CNS WiFi Password	Click ①
	無線LAN接続用バスワードについて 使用している機器がEAP-TLS証明書)認証に対応していたいなどの場合、EAP- PEAP方式での認証を行うことが可能です。CNSでは、通常EAP-TLS認証を推奨 しています。	



Click **①** "Create." This password will be used in STEP 05.

04

In this section, we will explain how to connect using macOS. If you are using any other devices, go to the following URL to get more details:

⇒ <u>https://secure.itc.keio.ac.jp/c/a/sfc/en/network_</u> information_wireless_peap.html

Click **①** Wi-Fi icon at the top of the screen and click **②** "Join Other Network...."

Note: "CNS3" will not be displayed on the list as it is a hidden network.

Find and join a Wi-Fi network. Enter the name and security type of the network you want to join.		
Network Name:	CNS3	
Security:	WPA/WPA2 Enterprise	
Mode:	Automatic	
Username:	t23xxxtk @sfc.keio.ac.jp	
Password:	••••••	
0	Show password Remember this network	
? Show Networks	Cancel Join	

05

Network name	CNS3
Security	WPA/WPA2 Enterprise
Mode	Automatic
Username	[your CNS login name]@sfc.keio.ac.jp
Password	SFC-CNS WiFi Password

* SFC-CNS WiFi Password is the password for PEAP created in STEP 03.

Once all settings are entered correctly, check **1** "Remember this network" and click **2** "Join."

Instructions for using EAP-PEAP authentication to join Wireless LAN services is now complete.

Start Up

Wireless LAN

CNS Mail

3

2

1

5 CNS Mail

How to use CNS Mail on various devices

Using Your CNS Mail Account •••••••••••••••••••••••
Checking Your CNS Mailbox from On-Campus Computers • • • • • • • • • • • 55
Using Your CNS Mail from On-Campus Mac
Using Your CNS Mail from On-Campus Windows •••••••••••••••••••••••••
Configuring Your CNS Mail on Your PC (Windows 11) •••••••••• 56
Configuring Your CNS Mail on Your Mac (macOS) • • • • • • • • • • • • • • • • • 60
Configuring Your CNS Mail on Your iOS Device • • • • • • • • • • • • • • • • • 63
Configuring Your CNS Mail on Your Android Device • • • • • • • • • • • • • • • • • 69
Various Settings in CNS Mail • • • • • • • • • • • • • • • • • • •
Setting Up Mail Forwarding
Configuring Spam Filter • • • • • • • • • • • • • • • • • • •

Using Your CNS Mail Account

Technical Specifications of CNS Mail Servers

IMAP4					
Receiving Server	Port	Authentication Methods	Password		
imap.sfc.keio.ac.jp	993 (IMAP over SSL)	CRAM-MD5 Authentication or LOGIN Authentication	IMAP/SMTP-AUTH Password		
	SMTP				
Sending Server	Port	Authentication Methods	Password		
and the state of the state of the	465 (SMTP over SSL)	CRAM-MD5 Authentication or LOGIN			
smp.src.keio.ac.jp	587 (Submission Port)	Authentication	INIAP/SINITP-AUTH Password		

01 What is IMAP?

IMAP stands for Internet Message Access Protocol, which allows users to access emails stored on the mail server. Today, the IMAP protocol is the most commonly used protocol for accessing and retrieving emails from mail servers. Emails sent to your CNS account are accessible from CNS mail servers using IMAP. You can view, organize, send, and receive emails from almost anywhere. With IMAP, the mail server manages all information, so any changes you make will be synchronized to all your devices. However, you must be connected to the Internet in order to send and receive emails. Depending on your email client, previously read messages may be stored in a cache and could be available even when you are not connected to the internet.

$02^{Warning}$

If the amount of data in your CNS home directory exceeds 100GB, you will be unable to use your CNS email account. Please refrain from sending emails with large attachments. Such emails can create delays or other problems for both the CNS mail server and the receiving mail server. If you need to send large files, you should use a file-sharing service such as SFC-CNS Online Storage.

03 Use Other E-Mail Clients

If you use your CNS mail account from anywhere other than the on-campus computers, please set up your mail client using the technical specifications of the CNS mail servers listed above. If you need more details, please visit the following URL:

⇒ <u>https://www.sfc.itc.keio.ac.jp/en/computer_email_cns_</u> usage_config.html

04Use SFC-CNS WebMail

By using the SFC-CNS WebMail system, you can access your CNS email account in a web browser without using an email client. Please visit the following URL and login with your CNS login name and IMAP/SMTP-AUTH password.

 \Rightarrow <u>https://webmail.sfc.keio.ac.jp/</u>

54

Start Up

Wireless LAN

CNS Mail

2

2 Checking Your CNS Mailbox from On-Campus Computers

Using Your CNS Mail from On-Campus Mac



01

The mail client for on-campus Mac computers is Thunderbird. Login to an on-campus computer with your CNS account, click **①** "Thunderbird" in your dock to open the software.

Enter the IMAP/SMTP-AUTH password you set up at the beginning of your first year. If you forgot your password, go to 【p.147 : How to Change Account Passwords】, follow the instructions, and re-set the password.

Using Your CNS Mail from On-Campus Windows

Pctures Scrönap Linne Thurdesbird

01

The mail client for on-campus Windows PCs is Thunderbird. Login to an on-campus computer with your CNS account, then double-click **1** "Thunderbird" on the desktop to open the software.

Enter the IMAP/SMTP-AUTH password you set up at the beginning of your first year. If you forgot your password, go to [p.147 : How to Change Account Passwords], follow the instructions, and re-set the password.

3 Configuring Your CNS Mail on Your PC (Windows 11)



01

Open a web browser and go to the following URL: \Rightarrow <u>https://www.thunderbird.net/en-US/</u>

Click 1 "Free Download."





02

Your download will begin automatically. Next, open the file you just downloaded.

Click **1** "Next >."



Mozilla Thunderbird Setup		- (×	05
Summary Ready to start installing Thunderbird			Ó	Click ① "Install
Thunderbird will be installed to the foll	owing location:			
C:¥Program Files¥Mozilla Thunderbird				
Click Install to continue.				



Installation of Thunderbird is now finished. You can now continue and setup access to your CNS mail account. Check ① "Launch Mozilla Thunderbird now" and click ② "Finish." **CNS** Mail

Start Up

Wireless LAN

2

1



⇒ <u>https://itcsecure.sfc.keio.ac.jp/form/password/</u>

	Avail	lable configuration	
	0	IMAP	
		Keep your folders and emails synced on your server	
		imap.sfc. keio.ac.jp	
		G Outgoing SMTP STARTTLS	
		smtp.sfc. keio.ac.jp	
		(Q) Username	
		t23xxxtk	
ย			1
	Confi	igure manually Cancel Done	

CNS Mail

08

TWait for the message "Your account settings were found by your email provider." Wait until the message "Your account settings were found by your mail provider" is displayed. When the message appears, click **①** "Done".

If it does not appear, click "Cancel" and then click **2** "Configure manually".

$(\cap$	
0.7	1
	- 1
\cap	
\rightarrow	
\subseteq	
\cup	

2 Wireless LAN

CNS Mail

Manual configuration		_
Protocol:	IMAP	\sim
Hostname:	imap.sfc.keio.ac.jp	
Port:	993 🔨	
Connection security:	SSL/TLS	\sim
Authentication method:	Encrypted password	\sim
Username:	t23xxxtk	
OUTGOING SERVER Hostname:	smtp.sfc.keio.ac.jp	
OUTGOING SERVER Hostname: Port:	smtp.sfc.keio.ac.jp	
OUTGOING SERVER Hostname: Port: Connection security:	smtp.sfc.keio.ac.jp 465 🔨 SSL/TLS	~
OUTGOING SERVER Hostname: Port: Connection security: Authentication method:	smtp.sfc.keio.ac.jp 465 ~ SSL/TLS Encrypted password	× ×
OUTGOING SERVER Hostname: Port: Connection security: Authentication method: Username:	smtp.sfc.keio.ac.jp 465 ~~ SSL/TLS Encrypted password t23xxxtk	× ×
OUTGOING SERVER Hostname: Port: Connection security: Authentication method: Username:	smtp.sfc.keio.ac.jp 465 \checkmark SSL/TLS Encrypted password t23xxxtk Addanced	↓ ↓ config

09

Next, type the following incoming and outgoing mail server information into the settings window as shown.

Incoming Receiving Server (IMAP)

Server hostname	imap.sfc.keio.ac.jp
Port	993
Protocol	SSL/TLS
Authentication	Encrypted password
Username	Your CNS login name

• Outgoing Sending Server (SMTP)

Server hostname	smtp.sfc.keio.ac.jp
Port	465
Protocol	SSL/TLS
Authentication	Encrypted password
Username	Your CNS login name

Once you have entered all the settings, click ③ "Re-test." After Thunderbird confirms the mail server information, click ④ "Done."

za ruichi rurumoto yrastckelo.ac.jp	INO.P		_
Account settings Account settings End-to-end	encryption		
🖋 Add a signature 🗶 Download	dictionaries	6	2 (1)

appact your linked convices			
office your linked set vices	ird experience.	Not sure about yo	eur next stens?
		Getting started - Support	forum - Privacy
劉 Connect to a CardDAV address book			
Connect to an LDAP address book			
Con Et a remote calendar			

10

When the window shown on the left appears at the end, click \bullet "Finish".

Configuring Your CNS Mail on Your PC (Windows 11) is completed.

Configuring Your CNS Mail on Your Mac (macOS)

Ma Thunderbi ct	ALLE EMAILEAS rd is a free email application that's easy stomize - and it's loaded with great fea	Sier. y to set up and atures!	Open a web browser and go to the following URL: ⇒ <u>https://www.thunderbird.net/en-US/</u> Click ● "FREE DOWNLOAD."
Favorites C Recents C Downloads AirDrop A Applications Desktop	C Downloa Downloa C Downloa C Downloa C Downloa C Downloa C Downloa C Downloa C Downloa C Downloa	ads	O2 Your download should begin automatically. Next, open the file you just downloaded.
Thun Thun Thun	derbird	M	Drag and drop the $\$ "Thunderbird" icon onto $\$ the Applications folder.
	Applications No Tags Spotify TextEdit	Image: Constraint of the second s	Open Finder and click • "Applications," then double- click • "Thunderbird."

Start Up

Wireless LAN

CNS Mail

2

1

"Thunderbird" is an app downloaded from the Internet. Are you sure you want to open it?

Chrome downloaded this file today at 22:01 from **www.thunderbird.net**. Apple checked it for malicious software and none was detected.

Open

Show Web Page

Cancel

A dialog box similar to the one shown on the left will appear. Next, click **①** "Open."

Home	M Account Setup	×	m Thunderb
Set Up Your Existi	ng Email Address		
To use your current email addre Thunderbird will automatically s	ss fill in your credentials. earch for a working and recommende	d server cont	figuration.
Your full name			
Keio Taro		()	
Email address			
t23xxxtk@sfc.keio.ac.jp		()	
Password			
		Ø	
Remember password	Δ		
Configure manually	Cancel Conti	nue	

06

Type your full name in ① "Your name" and "[your CNS login name]@sfc.keio.ac.jp" in ② "Email address." Type your IMAP/SMTP-AUTH password in ③ "Password." Check your information and click ④ "Continue."



CNS Mail

07

Thunderbird will start searching for your email account, wait until you see the message "Configuration found at email provider." If the message is displayed, click **1** "Done".

If the message is not displayed, click "Cancel" and then click "Configure manually...".

Manual configuration			
Protocol:	IMAP V		
Hostname:	imap.sfc.keio.ac.jp		
Port:	993 🔨		
Connection security:	SSL/TLS V		
Authentication method:	Encrypted password		
Username:	t22xxxtk		
OUTGOING SERVER			
OUTGOING SERVER	smtp.sfc.keio.ac.jp		
OUTGOING SERVER Hostname: Port:	smtp.sfc.keio.ac.jp		
OUTGOING SERVER Hostname: Port: Connection security:	smtp.sfc.keio.ac.jp 465 💭 SSL/TLS V		
OUTGOING SERVER Hostname: Port: Connection security: Authentication method:	smtp.sfc.keio.ac.jp 465 SSL/TLS Encrypted password		
OUTGOING SERVER Hostname: Port: Connection security: Authentication method: Username:	smtp.sfc.keio.ac.jp 465 SSL/TLS Encrypted password t22xxxtk		
OUTGOING SERVER Hostname: Port: Connection security: Authentication method: Username:	smtp.sfc.keio.ac.jp 465 SSL/TLS Encrypted password t22xxxtk		
OUTGOING SERVER Hostname: Port: Connection security: Authentication method: Username:	smtp.sfc.keio.ac.jp 465 SSL/TLS Encrypted password t22xxxtk Advanced config Cancel		

08

Next, type the following incoming and outgoing mail server information into the settings window as shown.

 Incomir 	g Receiving Server (IMAP)

Server hostname	imap.sfc.keio.ac.jp
Port	993
Protocol	SSL/TLS
Authentication	Encrypted password
Username	your CNS login name

Outgoing Sending Server (SMTP)

Server hostname	smtp.sfc.keio.ac.jp
Port	465
Protocol	SSL/TLS
Authentication	Encrypted password
Username	your CNS login name

Once you have entered all the settings, click ③ "Re-test." After Thunderbird confirms the mail server information, click ④ "Done."

CNS Mail

Start Up

Wireless LAN

CNS Mail

2

1

5 Configuring Your CNS Mail on Your iOS Device



01

On your home screen, tap **①** "Safari."

02

Type the following URL in **①** and go to the registration page or scan the following QR code :

 \Rightarrow <u>https://itcsecure.sfc.keio.ac.jp/wlan/?lang=en</u>





03

Type your CNS login name in ① "CNS login name" and your CNS login password in ② "CNS login password." Then, tap ③ "start registration." logout





Issue

Issue the personal certificate

Keio university SFC-ITC

04

If this is your first time creating a personal certificate, select "Issue" in **1** and tap **2** "go."

New students have already issued a personal certificate at the time of CNS account pre-registration, so select "Download" and move on to STEP 06.

If you have already issued your personal certificate and the certificate is still valid, select "Download" in ①, tap ② "Submit", and skip to STEP 06. If your certificate has expired, select "Reissue" in ① and tap ② "go." If you select "Reissue," your previous certificate will be invalidated.

You can confirm the expiration date of your certificate by following the instructions at the following site. Once the expiration date has passed, you will not be able to connect to the campus wireless LAN, so you will need to delete the old certificate and reissue a new one. For more details, please refer the website below.

⇒ <u>https://secure.itc.keio.ac.jp/c/a/sfc/en/network_</u> information_wireless_802_1x_renew.html

Device registration	
for CNS Wireless LAN	
	logout
This process will issue the personal certificat	e.
Please enter the passphrase for the encryption of	f the personal certificate.
You need your passphrase to install the personal	l certificate.
Please enter the passphrase) an 8 characters)
Please enter the passphrase again.	O
0—	

 for iPhone

 Profile(A)

 • Wireless LAN connection only

 Profile(B)

 • Wireless LAN connection + VPN setting + mail(IMAP) setting

 Profile(C)

 • Wireless LAN connection + mail(IMAP) setting

05

Make a new passphrase for your personal certificate. This password is necessary to protect your personal certificate from unauthorized use. It must contain at least 8 characters. Enter your passphrase to **1** • **2**, and tap **3** "Issue the personal certificate." This passphrase will be used in STEP 18.

06

Tap **①** "Download" in Profile (C).



Profile Downloaded

3 CNS Mail



If "Profile Downloaded" is not displayed in Settings, tap

• "General."





Cancel	Install Profile Install
	0
	SFC-CNS 利用設定 慶應義塾湘南藤沢ITC
Signed by	Not Signed
Description	SFC-CNSの利用設定(無線LAN,VPN, メール(IMAP)
Contains	Email Account VPN Settings Wi-Fi Network 3 Certificates

13

The downloaded profile will be displayed. Tap the Profile.



Enter Passcode Cancel	15 Type your iOS device passcode.	Start Up
Cancel Warning OInstall UNSIGNED PROFILE The profile is not signed.	16 Tap ❶ "Install"	2 Wireless LAN
1 Install	17 Tap ● "Install"	CNS Mail
Cancel Enter Password	11 Q	4 CNS Printers
Cancel Enter Password 2 Next ENTER THE PASSWORD FOR THE CERTIFICATE ************************************	Type your personal certificate passphrase from STEP 05 in • and tap • "Next." * If you have forgotten the passphrase, return to STEP 04 and reissue your personal certificate.	









On your home screen, tap **①** "Mail" and make sure a new mailbox is added to your iOS device.

Configuring Your CNS Mail on Your iOS Device is completed.

* The new personal certificate may not be installed properly if you have older profiles installed. Make sure to delete any older SFC-CNS profiles first, then try again if you encounter problems.

CNS Mail

Start Up

Wireless LAN

CNS Mail

2

1



()1



Tap ● "Gmail" from the home page or the list of apps.
If an email address is not set up in Gmail, go to STEP04.
* The settings and procedure may vary from device to device. However, the procedure for configuring a mail server are the same.

	Search mail	0
INBOX		

02

Tap the **①** "account icon" shown on the search bar and a list of accounts will be displayed.



03



3 CNS Mail

Set up email			04
	~		Tap ① "Other."
	G	Google	
	0	Outlook, Hotmail, and Live	
	\succ	Yahoo	
a	E	Exchange and Office 365	
	$\left \right\rangle$	Other	

Add your email address Tenter your email t23xxxtk@sfc.keio.ac.jp MANUAL SETUP ANUAL SETUP ANUAL SETUP

05

Type "[your CNS login name]@sfc.keio.ac.jp" in $\$. Then, tap $\$ "NEXT >."

t23xxxtk@sfc.keio.ac.jp	O6 Tap ● "Personal (IMAP)" and tap ● "NEXT >."	1 Start Up
What type of account is this?		
O Personal (POP3)		
Personal (IMAP)		< ר
O Exchange		Vireless L/
< NEXT >		Ň
t23xxxtk@sfc.keio.ac.jp 1 Password 	07 Type your IMAP/SMTP-AUTH password in ① and tap ② "NEXT >."	CNS Mail
2		4 CNS Printers
< NEXT >		

Incoming server	r setting:	5
Username t23xxxtk		
Password	ø	×
Server imap.sfc.keio.ac.jp		
0)	
<	NEX	т >

Enter the following settings:

Username	your CNS login name
Password	your IMAP/SMTP-AUTH password
Server	imap.sfc.keio.ac.jp

Once typed correctly, tap **①** "NEXT >."

Require signin	
Username t23xxxtk	
Password	ø ×
SMTP server smtp.sfc.keio.ac.jp	

0

NEXT >

09

Next, type the information below if necessary.

Username	your CNS login name
Password	your IMAP/SMTP-AUTH password
SMTP server	smtp.sfc.keio.ac.jp

Check ● "Require signin." Once entered correctly, tap ● "NEXT >."

<




Sync frequency:

You can modify your account options if you desire. Once you finished choosing your options, tap ① "NEXT >." Start Up

Wireless LAN

2

1

Your account is set up and email is on its way!

0	Give this account a name (option	onal)
	CNS	
ค	Your name (displayed on outgo messages)	ing
0	Taro Keio	
	E)
		NEXT >

10

Type "CNS" (or any other name you can use to distinguish from other mail accounts) in **①** "Give this account a name (optional)" and your full name in **2** "Your name (displayed on outgoing messages)." Then, tap 3 "NEXT >" to finish.

Configuring Your CNS Mail on Your Android Device is completed.

4 CNS Printers

Various Settings in CNS Mail



Open a web browser and go to the following URL: \Rightarrow <u>https://itcsecure.sfc.keio.ac.jp/form/mailsetup/</u>

Type your CNS login name in **1** and your CNS login password in 2. Then, click 3 "Login."

In SFC-CNS mailsetup, you can perform the following actions:

- Changing your IMAP/SMTP-AUTH password
- Setting up mail forwarding .
- Configuring spam filtering .

Setting Up Mail Forwarding

SFC-CNS mailsetup

About this page

- - のページではメールに関する以下の設定が可能です IMAP/SMTP-AUTH パスワードの作成/変更 メール転送設定 スパムポリシー設定 ou can set email services in SFC-CNS on this page Create or change IMAP/SMTP-AUTH password Mail forwarding

From the "mailsetup" menu, click **1** "Mail forwarding."

SFC-CNS mailsetup UTHパスワード Mail forwarding 現在のメール転送設定 (Current forwarding addresses) メール転送は設定されていません Mail forwarding is not used. メール転送先の追加 (Add Mail forwarding address)

02

Type your desired destination email address in **1** "Add Mail forwarding address" and click 2 "Add."

Depending on mail settings for a forwarding address, emails may not be sent properly. If so, check your email settings, such as spam filters, to make sure that you can receive emails properly.

Start Up

Wireless LAN

CNS Mail

2

1



03

Confirm that the email address you added is listed under "Current forwarding addresses."

If you want to stop mail forwarding, check the box next to the email address that you want to delete in ① "forwarding mail address" and click ② "Delete."

If you want to change the email address used in mail forwarding, delete your previous mail forwarding setting and add your new email address according to STEP 01 ~ 02.

Configuring Spam Filter





01

From the mailsetup menu, click **①** "Spam policy."

02

Select which policy you wish to apply and click "Change." In spam policy configuration, there are three options: "Quarantine," "Tag," and "No filtering." In "Quarantine" mode, emails that are judged as spam will be isolated on the mailserver you are using. In "Tag" mode, any spam emails will be identified as spam in the subject line and header. The default setting is "Quarantine."

03

Make sure the policy that you selected is highlighted with bold and tagged "[Current]."

By clicking **①**, you may change the spam threshold to either "Normal" or "Strong."

4 CNS Printers

Explaining how to use CNS Printers on SFC.

Using Printers at SFC • • • • • • • • • • • • • • • • • • •
Location of the Printers ••••••••••••••••••••••••••••
Printing Charge (Points)
Operation of CNS Printers •••••••••••••••••••••••••••••
Use user portal site ••••••••••••••••••••••••••••••••••••
How to check point balance ••••••••••••••••••••••••••••••
How to charge additional points •••••••••••••••••••••••••••••••••••
Printing from On-Campus Computers • • • • • • • • • • • • • • • • • • 85
Printing from On-Campus Windows • • • • • • • • • • • • • • • • • • •
Printing from On-Campus Macs • • • • • • • • • • • • • • • • • • •
Printing from Your PC (Windows 11) ••••••••••••••••••••••
Printing from Your Mac (macOS) ••••••••••••••••••••••••••••
Printing from Your iOS •
Printing from Your Android ••••••••••••••••••••••••••••••
Printing from web print • • • • • • • • • • • • • • • • • • •

1 Using Printers at SFC

Location of the Printers



Map number	Location of the CNS Printers
1	Media Center (2 devices installed)
2	arepsilon (epsilon) research building 1F lobby
3	o (omicron) research building 1F lobby
(4)	In front of Academic Affairs Office counter on the main building
5	au (tau) building 2F loft, attached finisher only for tau building users*
-	205 class room on the Faculty of Nursing and Medical Care Faculty Building
-	Faculty of Nursing and Medical Care Faculty Library
-	Nursing and Medical Care the Co-op store



Printing Charge (Points)

Туре	Printing Charges		
Black and White	One-Sided ¥ 5 / page	Double-Sided ¥ 10 / page	
Color	One-Sided ¥ 15 / page	Double-Sided ¥ 30 / page	

01

Your Your printing account is refilled with 2,500 yen each year. If you use more than the initial balance, you can charge your account with a prepaid printer card (1 point = 1 yen) to pay for any excess usage. Additional points you purchase and load to your CNS account will be carried over to the next academic year as long as your CNS account remains active.

Be careful when selecting the printer type; for example, printing double-sided will cost the same as two pages, and when printing a black-and-white document with the color printer setting, you will be charged the color printing rate.

02

In order to prevent paper jams or other malfunctions, using different paper is not allowed.

In addition, if your account does not have a sufficient point balance, you will not be able to print.

Operation of CNS Printers

PaperCut MF pga	~~			JPN
	カードをかざすかID番	号を入力してください。		
2=	-	ID 番号		
		ログイン		
	T			
PaperCut MF v3.2.2. Status			100	管理者ログイン 2023/03/09 16:38



01

The following section describes how to use the printer after you send a printing job(s) from a computer. On the terminal installed next to a printer, tap ① "English."

02

Type your CNS login name and tap ① "Log in."

CNS Mai



After logging in, select the job to be printed from the list of jobs displayed. At this time, you can select whether to print all jobs in the check box ① or whether to print each job in the check box ② . After you have finished making your selections, touch ③ "Print".



04

After printing is finished, select the job you want to delete from the list of jobs displayed, and touch the **①** "Trash" icon to delete the print job.

			Log of	Log out	
~	1 job, 5 pages Point0			ŧ	C
~	慶應義塾大学 湘南藤沢キャンパス (SFC) 1 copy, 1-sided, Grayscale, LETTER			10:45 AM	>
	Print as grayscale	Print as 2-sided	*	Print	-
Cratu				2023/06/	20 10:4

05

Please be sure to "log out" after completing the operation.

Start Up

2 Wireless LAN

CNS Mail

() rest rest 2485 Nom 1 2 2 The us

Ø

G ant

PaperCut

The user portal site is a web page that allows users to check their print history and point balance, recharge additional points, and print on the web.



Summary

初期ポイント 追加ポイント

02

Use user portal site

Start a web browser and access the following URL ⇒ https://prn23.sfc.keio.ac.jp/

Enter your CNS login name in the **①** field and your CNS login password in the **②** field, and then click **③** "Login".



03

As shown in the image, click **1** "Login Name" and then click **2** "Logout" to log out.

How to check point balance



01

We will explain how to check the balance using the user portal site.

Start a Web browser and access the following URL ⇒ https://prn23.sfc.keio.ac.jp/

Enter your CNS login name in the **1** field and your CNS login password in the **2** field, and then click **3** "Login".

PaperCut ⊮ № unnary 2	123	02
10g montes Lau 2 Turnaction History 2 Rever Print 2008 1 Rever Print 2008 1 2007 1 2017 1 2007 1 2017 2 2007 Point 2 2007 Point 2 2007 Point 2 2007 Point	7.005 🖓 MOS 🖓	After logging in, click 0 "Summary" and your point
الله المعالم ال المعالم المعالم ا المعالم المعالم	Environmental Impact	balance will be displayed in 2 "Balance".
2,000 Print 2,000 Print 2,000 Print 2,000 Print 2,000 Print 1,000 Print	Ø 0.0% of a true (∫ 11 g of CO2 Ø 0.8 hours surviveg a 5000 light bulb	
1.000 Parts	J.P.	
28 May 4 Jun 11 Jun Day	18 Jun 25 Jun Since Apr 1, 2023 Endpromental Dashbrand	

Start Up

Wireless LAN

How to charge additional points



01

Please purchase a prepaid card for charging additional points at Keio Co-op Fujisawa Store and Nursing and Medical Care Store.

Additional points are non-transferable and non-refundable.

Additional points can be used across fiscal years, but they will be lost when your CNS account expires, such as at graduation. No refunds will be made in such cases.



02

Start a web browser and access the following URL ⇒ https://prn23.sfc.keio.ac.jp/ Enter your CNS login name in the **①** field and your CNS

login password in the 2 field, and then click 3 "Login".



03

After logging in, click ① "Redeem Card", enter the card number on the prepaid card in ② "Card number", and then click ③ "Redeem Card". This is the end of the procedure for registering additional points. If you wish to register more than one card, please register the number of cards you wish to register in the ② "Card number" field.

Printing from On-Campus Computers

Printing from On-Campus Windows

File dit Window Help	
12 of 1 🖻 🗎 🖨 1	
🛞 🖲 💶 / 1 🌆 🖑 😑	• 2075 • E
R.	
0	
1.5%	
example.pdf - Adobe Acrobat Pro	
di Vi Window Help	
E Custa	
C Street	0115 07% + B B
Save As	•
😡 Send and Track Files Online	
Attach to Email	
Action Wizard	•
2	Ctrl+W
Properties	Ctrl+D
🖨 Brint	Ctrl+P
1 Z1/JDataCNS\Documents\example.pdf	
2 Z/JDataCNS\Pictures\example.pdf	
Egit	Ctri+Q

01

No specific configuration is necessary when you are printing your document(s) from on-campus computers. In this section, the steps to print a PDF file will be explained. Click ① "File" from the menu.

02

Click 2 "Print..." from the menu 1 "File."

Alternatively you could also press the Ctrl (Control) key and the P key at the same time for a shortcut.

Printer monoprn Properties Advan	nced Help 😡
Copies: 1	
Pages to Print	Comments & Forms
All	Document and Markups 🔹
Current page	Summarize Comments
O Pages 1	Summarize comments
 More Options 	8.27 x 11.69 Inches
Page Sizing & Handling Poster Size Options:	
🗇 Fit	
O Actual size	
Shrink oversized pages	
Choose paper source by PDF page size	
Print on both sides of paper	
Orientation:	
Auto portrait/landscape	
O Portrait	
🗇 Landscape	
Want to print colors as gray & black? 🛞	Page1 of 1
Page Setup	Print Cancel

03

In section ① , for black-and-white document(s), select "monoprn." For color document(s), select "colorprn." Then, click ② "Print."

Your document(s) will be sent to CNS printers as printing job(s). Go to a nearby CNS printer to print your document(s).

Note that the color printing charge will be applied to black-and-white document(s) if "colorprn" is selected.

Start Up

Wireless LAN

CNS Mai

3

2

Printing from On-Campus Macs



01

No specific configuration is necessary when you are printing your document(s) from on-campus computers. In this section, the steps to print a PDF file will be explained. Click ① "File" from the menu.



7:18 Taro Kelo Q. O III

Click **2** "Print..." from the **1** "File" menu. Alternatively, you could also hit the Command key and the P key as a shortcut.



03

In section ①, for black-and-white document(s), select "monoprn." For color document(s), select "colorprn." Then, click ② "Print."

Your document(s) will be sent to CNS printers as printing job(s). Go to a nearby CNS printer to print your document(s).

Note that the color printing charge will be applied to black-and-white document(s) if "colorprn" is selected.

CNS Printers

Start Up

2 Wireless LAN

Printing from Your PC (Windows 11)



Set up

Click this link to download and run the Mobility Print installer.

You'll be prompted to select the printers you want to use, and to enter your PaperCut username and password.

When it's time to print, just print like you normally do. Be sure to use a printer you

01

You can send print data from your own PC directly to printers on SFC. Please obtain the installation file from the following URL \Rightarrow <u>https://www.papercut.com/</u> <u>support/resources/manuals/mobility-print/mobility-</u> <u>print-devices/topics/en/client-setup-windows.html</u>

To print on your personal terminal, you must be connected to the SFC campus network.

Please connect to the wireless LAN CNS, CNS2, CNS3, keiomobile2 or wired LAN. Please note that you cannot print using eduroam.

This method is not available when sending print data from off-campus.Please use Web Print. (See [p98: Printing from web print].

Please also note that this printing procedure cannot be set up from outside SFC, so please set it up within SFC.

Li	cense Agreement Please read the following important information before continuing.	F
	Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.	
	END USER LICENSE AGREEMENT	
	1 AGREEMENT	
	This End User License Agreement is between PaperCut Software International Pty Ltd (ACN 124 440 400) of Level 1, 3 Prospect Hill Rd, Camberwell, Victoria, 3124, Australia (PaperCut), and:	
	(a) if there has been no shares for the lisenes (on Evolution	
1obilii	O I do not accept the agreement y Print: Printer by PaperOut	

02

Please read the Acceptable Use Agreement and click **1** "I accept the agreement" and **2** "Next".



CNS Printers



04

Enter the **1** "login name" and **2** "CNS login password" of your CNS account and click **3** "Next".



05

Click on **①** "Finish". Steps 01 through 05 are required only for the first time.



Q Search des

06

Click on **1** "Destination", and Cick "See more..."

07

In the **①** "Destination" field, select monoprn for monochrome or colorprn for color.

08

Click 🛈 "Print".

CNS Printers



09

Perform the specified operation on the touch panel of the printer you want to print out. (See [P79. Operation of CNS Printers.].)

This is the end of the procedure for printing within SFC on a personal terminal (Windows 11).

CNS Mail

3

Start Up

Wireless LAN

2

Printing from Your Mac (macOS)



01

You can send print data from your PC directly to printers on SFC. In this section, we will explain the procedure for printing a PDF file as an example. Click on **①** "File" at the top of the screen.

To print on your personal terminal, you must be connected to the SFC campus network.

Please connect to the wireless LAN CNS, CNS2, CNS3, keiomobile2 or wired LAN. Please note that you cannot print using eduroam.

This method is not available when sending print data from off-campus.Please use Web Print. (See [p98: Printing from web print].

Please also note that this printing procedure cannot be set up from outside SFC, so please set it up within SFC.

02

Click on **2** "Print". In addition to the procedures described here, many applications have shortcuts that allow you to quickly access the print screen by pressing the command key and the P key simultaneously.

03

In the **1** "Printer" field, select monoprn for monochrome or colorprn for color, and click **2** "Print".

	D ~ CNSguide_2023_3f 维正济办.pdf		
150		Printer The printer is offline.	a colorpm (pm23) 0
		Presets	None 0
CONTRACT OF	SFC CNS GUIDE 2023	Copies	0
		Pages O Al 160 Pages Patentino in Dominan	
		Range from 1 to	
	© Page 1 of 160	Belect pages from the sidebar	
		Philletin Color	
	1000	Double-sided	on c
158		Paper Size	A4 210 by 297 mm 3
	Local and the second s second second seco	Orientation	Ø + @ Portrait ○ + @ Landscape
		~ Preview	
	EV.2 Martinetter, Statistical and A. S.	C Auto Rotate	Show Notes
159		C Scale:	11156
	Ø Page 2 of 160	O Scale to Fit:	O Print Entire Image Fill Entire Paper
		Copies per page:	1
		Maria & Pusito	
223	Control Con	? PDF ~	Cancel Print

Δ

Start Up

Wireless LAN

CNS Mail

3

2

1



04

Enter your CNS login name in the **①** "Name" field, enter your CNS login password in the **②** "Password" field, check the **③** "Remember this password in the my keychain" checkbox, and click **④** "OK".

05

Perform the specified operation on the touch panel of the printer you want to print out. (See [P79: Operation of CNS Printers].)

This is the end of the procedure for printing within SFC on a personal terminal (macOS).

5 Printing from Your iOS

慶應義塾湘南藤沢インフォメーションテクノロジーセンター	- (ITC)
<pre>cns-guide.sfc.keio.ac.jp <</pre>	ۍ ٦
CNSguide2023 PDF Document · 11.9 MB Options >	×
Сору	¢
Add to Reading List	00
Add Bookmark	ш
Add to Favorites	\checkmark
Add to Quick Note	m
Find on Page	Ę
Add to Home Screen	+
Save to Files	
Markup	\bigotimes
Print	ē

01

You can send print data directly from your terminal to printers on SFC. This section describes the procedure for printing a PDF file as an example. Tap the **①** "share icon" of the data or site you want to print.

To print from your personal terminal, you must be connected to the SFC campus network. Please connect to the wireless LAN CNS, CNS2, CNS3, keiomobile2 or wired LAN. Please note that you cannot print using eduroam.

This method is not available when sending print data from off-campus.Please use Web Print. (See [P98: Printing from web print].

Please also note that this printing procedure cannot be set up from outside SFC, so please set it up within SFC.

02 Tap **1** "Print".

	CNS Printers 4	
Cancel Print Options (Print		Start
Printer No Printer Selected >	o 03	Up
Copies 1 - +	In 1 "Printer", select monoprn for monochrome or colorprn for color, 2 "Copies" and 3 "Paper Size".	
Range Pages 1-160 >	•	
Paper Size A4 >	ß	
Print PDF Annotations	•	∛ire
Layout > 1 page per sheet	04	less LAN
Print Options Printer	Enter the ① "CNS account login name" and "login password", and then tap "OK".	
colorprn prn23 (j)		CNS Ma
Password required for "colorprn" t23xxxtk password		
Cancel OK	05	4 CNS Print
Cancel Print Options 🖒 Print	• then click • "Print"	ers
Printer No Printer Selected >		
Copies 1 – +	06	
Range Pages 1-160 >	06	
Paper Size A4 >	Perform the specified operation on the touch panel of	
Print PDF Annotations	the printer you want to print out. (See [p.79: Operation of CNS Printers].	
Layout > 1 page per sheet	on a personal terminal (iOS).	

Printing from Your Android



Incompare the second second

Simplify printing from your Android device with PaperCut Mobility Print



01

You can send print data directly from your terminal to printers on SFC.

This section describes the procedure for printing a PDF file as an example. Open the **①** Google Play Store from the home screen.

To print from your personal terminal, you must be connected to the SFC campus network. Please connect to the wireless LAN CNS, CNS2, CNS3, keiomobile2 or wired LAN. Please note that you cannot print using eduroam.

This method is not available when sending print data from off-campus.Please use Web Print. (See [P98: Printing from web print].)

Please also note that this printing procedure cannot be set up from outside SFC, so please set it up within SFC.

02

Enter " • Mobility Print app" in the " • Search Window" and install the apps that appear in the search results.

03

Return to the home screen and launch the **①** application.



We'll notify you if you need to log in to print.

← Printing

PRINT SERVICES



Mobility Print

Default Print Service

+ Add service

05

0

ค

Check that both **①** and **②** are on. Steps 01 to 04 are necessary only for the first time.

04

Start Up 1 Wireless LAN 2 **CNS** Mail 3 **CNS** Printers 4

4	CNS Printers			
÷	CNSguide2023.pc	df Q	A :	06
			V	Open the screen you want to print. This section describes the procedure for printing a PDF file as an example. Press 1 "" and select 2 "Print".
÷	CNSguide2023.ŗ	Send file		
		Download		
	0 [Print]	
		Feedback to	Google	



Print by performing the specified operation on the touch panel of the printer you wish to use. (See [P79: Operation of CNS Printers].)

This is the end of the procedure for printing within SFC on a personal terminal (Android).

CNS Mail

1

7 Printing from web print



01

Start a web browser and access the following URL ⇒ https://prn23.sfc.keio.ac.jp/

Enter your CNS login name in the **①** field and your CNS login password in the **②** field, and click **③** "Login". Web printing is available only for PDF files, and only for A4 paper size.

The example used here is for iOS, but there are no major changes for other devices or OS.





02 As show

As shown in the image, click **1** "Web Print" and then click **2** "Submit a Job".

03

Select either black and white (prn23\monoprn) or color (prn23\colorprn) in • "Select a printer", and click • "Printing Options and Account Selection".





Drag the PDF file to ① or click "Upload from Computer" to select the file you want to print, and then click ② "Upload".

5 Antivirus

Explaining how to protect your computer from viruses.

Protecting Your Computers from Security Threats • • • • • • • • • • • • • • • • • • •	• 102
Installing Antivirus Software on Your PC (Windows 11) • • • • • • • • • • • • • • • • • •	• 103
Installing Antivirus Software on Your Mac (macOS) ••••••••••••••••••••••••••••••••••••	• 108
How to Update Your Windows / macOS System ••••••••••••••••••••••••••••••••••••	• 116
Are Software Updates Important? • • • • • • • • • • • • • • • • • • •	• 116
Updating Your Windows System (Windows 11) • • • • • • • • • • • • • • • • • •	• 116
Updating Your Mac System (macOS) ••••••••••••••••••••••••••••••••••••	• 117

Protecting Your Computers from Security Threats

01 Damage Caused by Computer

Once your computer is connected to the internet, there is a risk that your computer could be infected with viruses or other malicious software designed to exploit flaws in your computer. If infected, any of the following could occur without your knowledge:

- Theft of personal information
- Emails with spam or viruses are sent to people in your address book
- Your computer participates in attacks against other computers or networks

Computers infected with viruses or malware will generally try to spread and infect other computers on the network. In order to prevent the spread of malware, ITC reserves the right to, without any prior notification, restrict internet access for devices possibly infected with malware.

$02^{\text{Antivirus Software}}$

In order to minimize the risk of computer malware, you should ensure your computer is updated regularly (please refer to [p.116 : How to Update Your Windows / macOS System]) and install antivirus software to help detect and remove any viruses on your computer.

03 Using ESET Smart Security

Keio University provides every student, faculty, and staff member with a license to use "ESET Smart Security" for Windows or macOS (on one computer). The following pages describe how to obtain and install this software.

Please note that antivirus software often does not function properly if you install two or more antivirus software programs on your computer (such as another program or a trial edition). If you have any other antivirus software installed on your computer, you should uninstall them before proceeding.

6 CNS Servers

FAQ

8

Appendix

Installing Antivirus Software on Your PC (Windows 11)

2

2-## 1 [t.ke 2 [127-	e University CALAMVS GLADIO FORTIOR	Den a browser and go to the URL: ⇒ <u>http://keio.jp/</u> Type your keio.jp ID in ① "ID" and your keio.jp password in ② "Password." Then, click ③ "Login."
、keio.jp∧よ∋こそ。 Ceio.jp	・日本語 ・日本語 ・日本語 ・ 日本語 ・ の 用ガイド ・ 糸環空更 よ My Account ・	02
tion	Message	Click ① "English" at the top of the page.
:学师支援システム(Canvas 5 項目 簡敬 DS My Library rkspace (旧称 G Suite) ブ	ソート なし 和1 2023/09/27 100 101 11Cの組織変更 (名称変更) についてのお知らせ 2023/09/21 101 留学生異学会:野村営団長学生募集について 2023/09/12 101 [kelo.jn] 2023年9月に卒業・持ずされる学生の皆様へ 2023/09/12 102 [kelo.jn] 2023年9月に卒業・持ずされる学生の皆様へ	
		03



Click ② "Software Licensing Center" from the ① "Service" menu.

ソフトウェア利用ライセンス取得 -Software Licensing Center-

n Tep I () Lepout					
Information					
> 2016-04-04 楓要:本システムについて					
截差が契約しているソフトウェアライセンス等をオンラインで取得・確	認することが可能です。				
ソフトウェア毎に利用条件が異なりますので、利用許諾書・利用条件を	熟読の上、同意する場合のみ、ライセン	/スをご利用くださ	We.		
[8-9]					
ソフトウェアライセンス利用上の注意					
Available List					
Available List					
Software	License usage	Expiration Date	Media		
Microsoft 385 Apps (学生用 ライセンス) [旧 Office 385 ProPlus]	詳細調面で確認してください	Enrolment	Details		
		penod	00000	Detail	
ChemOffice+ (2023年度用ライセンス)	Agree to the EULA	Not agree	Download	Detail Detail	
ChemOffice+(2023年意用ライセンス) Thenticule(2023年度用ライセンス)	Agree to the EULA 詳細胞面で確認してください	Not agree 2024-03-31	Download Details	Detail Detail Detail	
ChemOffice + (2023年度用ライセンス) Thenfloatle (2023年度用ライセンス) Zoom (for students FY2023) license	Agree to the EULA 詳細曲的で確認してください Please confirm the detail	Period Not agree 2024-03-31 2024-03-31	Download Details Details	Detail Detail Detail Detail	



ンフトウェア利用ライセンス取得 -Software Licensing Center-					
± 70	to I C Logout				
Information					
・2014-04-01 単原:ホシステムとついて ・取りをついて、 ・取りたいにもジフトウェアライとンス等をオンラインで物源・確認 ・リントウェア加に利用条件が良なりますので、利用的な曲・利用条件を制 (ゆり) ・ソフトウェアライなンス利用上の注意 Available List	することが可能です。 読の上、同意する場合のみ、ライセンン	スをご利用くださ	[Ν ₀		
Software	License usøge	Expiration Date	Media		
Microsoft 385 Apps (学生用 ライセンス) 【旧 Office 385 ProPlus】	詳細画面で確認してください	Enrolment period	Details	Detail	
ChemOffice+ (2023年度用ライセンス)	Agree to the EULA	Not agree	Download	Detail	
iThenticate (2023年度用ライセンス)	詳細面面で確認してください	2024-03-31	Details	Detail	
Zoom (for students FY2023) license	Please confirm the detail	2024-03-31	Details	Detail	
ESET(License for 2023 academic year)	Agree to the EULA	Not agree	Download	Dotail	

X	ソフトウェフ -Software	"利用ライセンス取得 Licensing Center-
	± Top	C Logout

Lecalion-Detail
ESET(License for 2023 academic year) [Agreed]

License Information	
License Expiration Date	2024-03-31
Username	EAV
Password	
License Key	JPAN:
EULA	
Display the EULA	
Rule and Policy	

04

Click **①** "Detail" in the "ESET" row to read the EULA (End-User License Agreements).

Doing so does not mean that you have agreed to the EULA for ESET yet.

05

If you agree to the EULA (End-User License Agreements) and the Rules and Policy, click **1** "Agree."

If you don't agree to the EULA or Rules and Policy, then you cannot use ESET and should not continue.

06

Go back to the license list. Then, click **①** "Detail."

07

You can check your **O** License Key for ESET on this page.

You will use the ① License Key in STEP 14.

yz k -Soft	ウェア利用ライセンス取得 ware Licensing Center-				00
	± Top I © Logout				
Information					00
) 2016-04-04 概要:本システムについて					
截動が実的しているソフトウェアライセンス等をオンラインで取得 ソフトウェア毎に利用条件が異なりますので、利用背話書・利用条 【参考】 ソフトウェアライセンス利用上の注意	・確認することが可能です。 作を熟読の上、同意する場合のみ、ライセン	/スをご利用くださ	ξψ _ο		Go back to the "license list," and click $①$ "download."
Available List					certification nom keio.jp autientication is required, se
		Expiration			log in using the same steps referenced in STEP 01.
Software	License usage	Date	Media		5 5 1
Microsoft 385 Apps (学生用 ライセンス) [旧 Office 385 ProPlus]	詳細画面で敬認してください	period	Details	Detail	
ChemOffice+(2023年変用ライセンス)	Agree to the EULA	Not agree	Download	Detail	
iThenticate (2023年度用ライセンス)	詳細西面で確認してください	2024-03-31	Details	Dotail	
Zoom (for students FY2023) license	Please confirm the detail	2024-03-31	Details	Detail	
ESET(License for 2023 academic year)	Agree to the EULA	Not agree	Download	Dotail	
in Head <u>Line (Compared Sector</u>) Market Sector (Compared Sector) Traginh 32bit <u>Dominad</u> 64bit <u>Dominad</u> 総合セキュリティ対策製品 LSET Cybersecurity Fro (Mac)				×	Choose the installer that is compatible with your Operation System. Click ① "Download" to download the installer.
あ扱いのウェブブラウザではこのタイプのファイルをプレビューで非常なA。	このコンテンツを表示するには、お使いのチ クランロード	バイスにファイル	モダウンロードし	マ間いてください。	
eard organise P a > This PC > Downloads	lew Open	Select D Si	ate modified: ize: 54.9 MB	O Search Dow 24/06/2019 09:51	10
					Open the 1 download installer.



Click 1 "Continue."

nd-user licens	se agreement				
ESET Inter	net Security				^
IMPORTANT: P	lease read the terms and	conditions of produ	uct application set out	below carefully prior to	
download, instal	lation, copy or use. THRC	UGH DOWNLOAD	DING, INSTALLING,	COPYING OR USING THE	E
SOFTWARE YO	U ARE EXPRESSING YOU	IR CONSENT TO T	HESE TERMS AND C	ONDITIONS AND YOU	
ACKNOWLEDG	E PRIVACY POLICY.				
End User License	e Agreement				
Under the terms	of this End User License	Agreement (hereina	after referred to as "th	e Agreement") executed b	by and
between ESET, s	pol. s r. o., having its regi	stered office at Eins	teinova 24, 851 01 Bra	atislava, Slovak Republic,	
registered in the	Commercial Register adr	ninistered by Bratis	lava I District Court, S	ection Sro, Entry No 3586,	/B,
Business Registr	ation Number: 31 333 535	6 (hereinafter referm	ed to as "ESET" or "the	e Provider") and you, a ph	rysical
person or legal e	entity (hereinafter referred	to as "You" or "the	e End User"), You are	entitled to use the Softwa	re
fined in Articl	e 1 of this Agreement. Th	e Software defined	in Article 1 of this Ag	reement can be stored on	a

12

Read the EULA(End-User License Agreement) carefully. If you agree, click **①** "I Accept". If not, you may not use ESET. **6** CNS Servers

5 Antivirus



13

Next, you will need to activate the software in order to use it.

Click **1** "Use a purchased License Key."



14

Enter your License Key from STEP 07 in **1**, then click **2** "Continue."

ESET Internet Security will be installed

ESET Internet Security will be installed

Exercised of Cuage. If lets you pay and bank more safely online.

Continue

Back

Change product



Click 1 "Continue."

15

16

We recommend you check **1** and **2**, then click **3** "Continue."



Check ① "Yes", then click ② "install." This will enable all the features provided by ESET.



18

Click **1** "Done" to complete the installation process.

	Y		×
Q Computer scan ⊛	Vou are prote	acted	
C Update	• Tod are prote	.ctcu	Alimont
Tools			ALC: SA
O Help and support			PPAN
	Q		(în
	Scan your computer	Banking & Payment	Connected Home Monitor
	Check your computer for malware now		Check the security of your network
THIDY LAFE TECHNOLOGY	C Last update: Less than a minute ago		

19

It is strongly recommended that you scan your computer regularly and click "Computer scan" after finishing.

Installing Antivirus Software on Your PC (Windows 11) is completed.

5

6

CNS Servers

FAQ

Installing Antivirus Software on Your Mac (macOS)

X ke	eio.jp	01
Keio	University CALAMVS GLADIO FORTIOR	Open a web browser and go to the URL:
Login to ke	eio.jpポータル / keio.jp Portal _?	\Rightarrow http://keio.jp/
1 1 t.keio	@keio.jp	Type your keio.jp ID in ① "ID" and your keio.jp password
Password:		in 🛛 "Password." Then, click 🕄 "Login."
	Guide:on off	
	User's Guide Support Desk	
	© Keio University.	
原題 太郎 君、keio.jpへようこそ。	・日本語 ・English 1利用ガイド ADIO FORTIDE	• Click • "English" on the top of the page.
Application	Message	
よく使われる項目 ご 教育支援システム ご 投業支援	2020/08/11 Mare 単語 就職ガイダンスWeb配信のお知らせ	
C KOSMOS My Library	2020/08/02 未記 「新型コロナウイルス接触確認アプリ(COCOA)」につい	τ
e メール e ドライブ	2020/07/28 [keio.jp] 2020年9月に自主選挙される学生の皆様へ	

03

# KOSMOS My Library	🕫 Keio Mail	
3 Suite	Web-Based Courses for IT	(COCOA)] 10007
e Mail	* The Health Checkup Result	untarily withdrawing in September, 2020
d Drive	KnowledgeDeliver	
2 Calendar	2 Notification System for Freshmen	duating in September, 2020
# Groups	© Software Licensing Center	
d' Contacts	e Box	-
ireless LAN connection setting	Report of Infectious Disease	F 1 1 2 1 3
* keiomobile2 / eduroam	e WebEx	
ategory	e Online System for Student Club	
All	 Activities 	
Class	e KEIO UNIVERSITY SCHOOL OF	Show all news
Service	> MEDICINE LECTURE ARCHIVE	
Media Center	All Academic affairs Stu	dent life Scholarship Finding employment
Placement and Career Services		

Click **2** "Software Licensing Center" from the **1** "Service" menu.
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	ウェア利用ライセンス取得 tware Licensing Center-			
	a Top I O Lopost			
II Information				
:2016-04-04 親妻:本システムについて				
機能が取用しているソフトウェアライセンス等なメンラインで世界 ソフトウェアロド和市場件が異なりますかで、利用許保護・利用条 【伊考】 ソフトウェアライセンス利用よの注意	・確認することが可能です。 作を熟読の上、同胞する場合のみ、ライセン	スをご利用ください		
Available List				
Software	License usage	Expiration Date	Media	
(DeerOffice Professional (2022年度用ライセンス)	Agree to the EULA	Not agree	Download	Ostal
Beckyl Internat Mail (2023年度用ライセンス)	Agree to the EULA	Not agree	Download	Dotal
ESET(License for 2023 academic year)	Agree to the EULA	Not agree	Openioad	Detail
Mathematics for Francisco, 2023 Million Adv. (2)	Agree to the EULA	Not agree	Details	Detail
eavienance of acceleral system elders /1 0 2 A/				
MATLAS (2023年度後年ライセンス)	Agree to the DULA	Not agree	Details	Detail

The page shown on the left will be displayed. You will need to agree to EULA(End-User Lisence Agreements) first, so click ① "Detail" on the right side of "ESET(Lisence for 2022)."

	ESET(License for 2023 academic year) [Not agree]
Please refer to the det	alls on the following information.
Go to the description page	
Rule and Policy	
 Available products of ESET ESI March 31 of current ficsal year 3. J Computers that are owned and ma following: Duplicating the license v 	ET (For Windowskhas) As one person can use enty one license, take one product for Windows of Mar. 2. License expiration data Windowsk program (Suborts and Grout) and staff members who can use osthware licensing contra it skic)s A. Eligible computers anaged by Kelo, installed under a lessing agreement, or owned by eligible persons 5. Notes When using the software, please not in which demonstration is monothat as a bursch of contract. When vue are no force enceded at Kelo after reference or contantion, you can be which demonstration is monothat as a bursch of contract. When you are no force enceded at Kelo after reference or contantion, you may a
uninstall the software. You must in and upgrading the software. ITC a configuration and system requirem license agreement when using the	of allow your family members to use the computer on which the software is installed. You are negoonable for all work naticed to installing suscess on explorability for any produces caused by the installation. Before statistic the installation process, check your computer's members, and back up your system. You its hoge acquarks post up-observe information about his times. Comply with the terms of the software. 6. How to use Login keing and cick Software Loansing Center. Select ESUT from the available loanse in at dick the
uninstall the software. You must n and upgrading the software. ITC a configuration and system requiren license agreement when using the III Restriction	ci allev por family method is an elle compare on which he softwares is invalued. You are reported to be allevel trained are set and the an operations caused by the invaluable. You are reported to the advect compare- ment, and back ap your system. You'll be page regularly to get up-o-date information about the locate. Comply with the term of the software. E. How to use Logn sexp and clock Software Learning Gerlint. Select SECT from the available locates is and clock the software.
uninstall the software. You must n and upgading the software. ITC a configuration and system requires license agreement when using the ill Restriction #Eligible computers · Owned or Managed by Kaio : · Owned by Eligible Persons :	d aller your fundy, menhan to use the company on which the utilities as installed. You we reconside to of user stated to installed users on reconsidelity for your polations caused by the utilities (broken, taking to company), werk, and back up you spatiant, Yotk The page regularity get up-to-date information struct to installed users and back up you spatiant. Yotk The page regularity get up-to-date information struct the biomac. Company with the term of the users are chosed by the users of the company. The term of the users are company and the term of the users are chosed to user up many and you do the company. Company and the term of the users are chosed to user up many and click chosed. Calling Canter back (SECT from the wandate lowers in it and click the
urinistal the software. You must n and upgrading the software. ITC a configuration and system required license agreement when using the IR Restriction Eligible computers • Owned by Eligible Persons : • Owned by Eligible Persons : • Inteligible computers	d aller you freining, merihan is use his comparer on which has oftware is invalided. You win recorded to all were visible to handlin use of a second-line by proferent source (by training). The similar before stratefore is invalided to all were were it, we back up you system. You're the page regularly get up-6-dain information sourk tha lorenae. Comply with the terms of the stratement of the source of the similar training of the similar before stratefore is source of the source of the stratement. B. How to use Logit web (b) and circli Software Licensing Carlet. Select SSET from the available license is and circli the stratement. B. How to use Logit web (b) and circli Software Licensing Carlet. Select SSET from the available license is all edicits the

05

If you agree to the EULA (End-User License Agreements) and Rules and Policy, click ① "Agree."

If you don't agree to the EULA or Rules and Policy, then you cannot use ESET and should not continue.

××	フトウェア利用ライセンス取得 Software Licensing Center-			
	= Top I O Legent			
Information				
- 2816-04-04 概要:本システムについて				
最新が契約しているソフトウェアライセンス等をオンラインス ソフトウェア毎に利用条件が異なりますので、利用作業書・F	18月・確認することが可能です。 18条件を熟読の上、同意する場合のみ、ライセ	ンスをご利用ください		
シフトウェアライセンス利用上の注意				
ソフトウェアウイセンス利用上の注意 Available List				
1993 <u>ソフトウェアライセンスド用上の注意</u> Available List Dolman	License usage -	Expiration Date	Media	
1997年 <u>ソフトウェアライセンス利用上の注意</u> Available List Dofners Chandfor Pufminner (1 ⁹²³ 年度現分・イセンス)	Literes usige Agree to the DILA	Expiration Date Not agree	Media Download	Detail
LUTA <u> ユストウェアライセンス形用上の支援</u> Available List Dofners Oxerofice Professional (²⁰²² 度度得ウイセンス) Being Interest Hal (²⁰²² 度度得ウイセンス)	License usage Agries to the EXA Agries to the EXA	Expiration Date Not agree Not agree	Medie Download Download	Detail
UND 2725442328812388 Available List Describes Polisient (²⁰²² #819/91/2023) Booly Homen Mail (²⁰²² #819/91/2023) Booly Homen Mail (²⁰²² #819/91/2023)	Learns usage Agree to the EULA Agree to the EULA Please confirm the cetail	Depretion Date Not agree 2000-03-31	Media Download Download Download	Detail Detail Detail
UPS-2-27-44-23年目上の注意 UPS-272-44-23年目上の注意 EAveilable List DemoViewer Mail (¹²²³ 世紀月シイセンス) Bioly/Internet Mail (¹²²³ 世紀月シイセンス) EXESTLOReset In ²²²³ 単品の白い (1247) Mathematical Kolande (¹²²³ 年紀月シイセンス)	Livense unique Agree to the EULA Agree to the EULA Please control the createl Agree to the EULA	Digitation Date Not agree 200 ⁶ 43-31 Not agree	Medie Downioad Downioad Downioad Downioad	Detail Detail Detail

06

Go back to the license list. Click **①** "Detail."

		Login User i theio@keio.jo Font size: S M L 🛛 C
	ソフトウェア利用ライセンス取得 -Software Licensing Center-	
	÷ Top © Logout	
Location Ostal		
	ESET(License for 2028 academic year) [Agreed	1
Please refer to the details	on the following information.	
Go to the description page		
Elicense Information		
License Expiration Date	2020 03-31	
Usemane	3006-3000000000X	
Password		
License Key		
II EULA		
Display the EULA		
Rule and Policy		
1. Available products of ESET ESET (March 31 of current fissal year 3. Auth Connecters that are owned and manage	For Windows/Mac) As one person can use only one license, take one product for Wind rized people Students and faculty and staff members who can use software licensing or do to Kein. Installed under a leasing agreement, or owned by wildbin genoons 5. Notes	ws or Mac. 2. License expiration date enter at kais (p. 4. Eligible computers when using the schware, singer one the

07

You can check your **①** License Key for ESET on this page.

You will use **①** License Key in STEP 26 so don't close the page until the download is complete.

5

6

CNS Servers

AO

Install.pkg



Uninstaller.app

Installer.pkg

Resources

Open the file you just downloaded. Then double-click the 1 icon. Right-click "install," then click 2 "Show Original." Then double-click "Install.pkg."

Double click **①** "Installer.pkg."



08

Click **1** "Download" to download the installer.

ンフトウェア利用ライセンス取得 -Software Licensing Centern Tel I O Legent 2018-04-04 親夏:キシステムについて 最新が契約しているソフトウェアライセンス等モオンラインで取得・確認することが可能です。 ソフトウェア場に利用条件が異なりますので、利用許諾書・利用条件も熟読の上、同意する場合のみ、 ソフトウェアライセンス利用上の注意 able List Country OverOEco Pudrasienal (2023 年度用うイセンス) Body Helmet Mal. (2⁰²³年度用うイセンス) ESETJ, Loose for ³²²³ 年度用うイセンス) Mathematica for Eluderia. (2⁰²²年度用うイセンス) MATLAB. (2⁰²²³年度用うイセンス) Agree to the EULA Agree to the EULA Please confirm the Agree to the EULA Agree to the EULA

5

0

Antivirus

Go back to the license list and click **1** "Download."

Antivirus 5





Click **1** "Continue."

111

5 Antivirus

	Software License Agreement
Introduction	English
Read Me	IMPORTANT: Please read the terms and conditions of product
License	application set out below carefully prior to download, installation, copy or THROUGH DOWNLOADING INSTALLING COPVING OP
Version Check	USING THE SOFTWARE YOU ARE EXPRESSING YOUR
• Setup	CONSENT TO THESE TERMS AND CONDITIONS AND YOU ACKNOWLEDGE PRIVACY POLICY.
Destination Select	
Installation Type	Software End User License Agreement
 Installation 	Software End Oser Electist Agreement
Summary	Under the terms of this Software End User License Agreement (hereinafter referred to as "Agreement") executed by and between ESET, spol. s r. o., having its registered office at Einsteinova 24, 851 01 Bratislava, Slovak Republic, registered in the Commercial Register administered by Bratislava 1 District Court, Section Sro, Entry No 3586/B, Business Registration Number 31 335 355 (hereinafter referred to as "ESET" or

16

Δ

Read the EULA (End-User License Agreement) carefully. If you agree, click **1** "Continue." If not, you won't be able to use ESET.







19

Make sure that **①** "Typical (recommended)" is selected for installation mode. Then click **②** "Continue."



Make sure that ① "Enable ESET LiveGrid feedback system (recommended)" is checked. Then, click ② "Continue."



21

Make sure that ① "Enable detection of potentially unwanted applications" is checked. Then, click ② "Continue."





Click **①** "Install."

5

6

CNS Servers

FAQ



When the window prompts you to type in your password, type your macOS account password in ① "Password." Then, click ② "Install Software."



24

You have successfully installed ESET Cyber Security Pro on your Mac.

Click **1** "Close."



Open the application and click the **1** icon, then click **2** "Product activation."



COLUMN vol.2

Threats on the Web

The internet is one of the most notable inventions in the field of computer science. It has become so essential to our daily lives that millions of machines around the world are connected and able to communicate. However, "essential" does not necessarily mean "secure;" all devices on the internet are at risk of attack.

For example, malicious attackers can create websites designed to trick users and install malware and other unauthorized software, resulting in data theft, vandalism, or other harm. You must be careful when using the internet and should avoid nonreputable websites that could harm your computer.

8

Appendix

How to Update Your Windows / macOS System

Are Software Updates Important?

When a bug or vulnerability is discovered in a piece of software, a software publisher will often release an update to fix any problems. For example, Windows Update (on Windows PCs) and Software Update (on macOS) regularly receive updates designed to keep users safe. Many other software vendors have similar ways to provide users with updates. Software updates fix bugs and are crucial for information security. Malicious hackers will often attempt to exploit vulnerabilities before users are able to update their computers, so users should apply software updates as soon as possible. Please ensure all your software is up to date to help keep your computer safe on the internet. The following pages describe how to install operating system updates (on Windows and macOS) and configure your computer to check for updates automatically.



Updating Your Windows System (Windows 11)

01

Type "settings" in ① the search bar in the lower left corner of your screen, then open ② "Settings."

02

On the left screen, click **①** "Windows Update."

03

The Windows Update will be displayed. Click ① "Check for updates" and check to see if you need to update the Install Program or not.

off

Check for updates

Pauce for Lunak

off (

Pause for 1 week

Select any updates that appear, then click **①** "Download and Install"

05

Depending on the type of updates that are installed, you may need to restart your computer in order for all the updates to install properly. If necessary, save your work and reboot your computer.

Instructions for updating your software is now complete.

Updating Your Mac System (macOS)



Windows Update

Get the latest updates

0 Pause updates

Update history

System
 Bluetooth & dev

Apps

③ Time & lang

Gaming
 Accessibilit

Privacy & securit
 Windows Update

W Network & intern

1

You're up to date

Get Get

10 Pause update

D Update his

0 000

You're up to date

pdates as soon as they're available

01

From the Apple menu on the toolbar at the top of the screen, click on **①** "System Settings..." Click on "System Preferences..." from the Apple menu in the toolbar at the top of the screen.

JZ

Click on **①** Software Update.

03

If you receive a message that there is a new update, click "Upgrade Now." That's it for the procedure to perform a software update on your Mac (macOS). 5

6

CNS Servers

FAQ

Antivirus

6 CNS Servers

Explaining how to upload files to CNS servers and publish files on the web.

Using CNS Servers · · · · · · · · · · · · · · · · · · ·
What are CNS Servers ? ••••••••••••••••••••••••••••••••••••
Remote Access to CNS Servers •••••••••••••••••••••••••••••
What is Remote Access ? • • • • • • • • • • • • • • • • • •
Access Remotely from Your PC (Windows 11) • • • • • • • • • • • • • • • • • •
Access Remotely from Your Mac (macOS) ••••••••••••••••••••••••••••••••••••
Transferring Files to CNS from Your PC (Windows 11) with WinSCP • • • • • • • • • 131
Transferring Files to CNS from Your Mac (macOS) with Cyberduck • • • • • • • • • 135
Publishing Files on the Web •••••••••••••••••••••••••••••
Publishing Files on the Web from On-Campus PC (Windows 11) • • • • • • • • • • • • • • • 137
Publishing Files on the Web from On-Campus Mac (macOS) ••••••••••••••••••••••••••
Publishing Files on the Web from Your PC with WinSCP (Windows 11) •••••••••••••••• 139
Publishing Files on the Web from Your Mac with Cyberduck (macOS) •••••••••••••••••••••••
Correlation between URL and File Location • • • • • • • • • • • • • • • • • • •

Using CNS Servers

What are CNS Servers ?

$\mathsf{O1}$ What are Servers?

Servers are computers or software that provide services and data to other computers on networks. CNS mail and other CNS services are hosted on internal CNS servers. This section provides details about personal storage available on CNS.

02 Storage Assigned to You

Every student at SFC is assigned 100GB of storage on the CNS network. The storage is used by your e-mail and can also be used for personal purposes, such as storing reports, photos, backups, etc. However, if your storage is fully used, your e-mail will no longer work properly. Be sure to leave some space for e-mails in your storage. Please refer to the list below to find the path of your home directory, depending on the operating system of the CNS computer you will use.

03 Upload Using SSH

You have direct access to your CNS storage from on-campus computers. However, if using your own computer, you must use SSH (Secure Shell) to upload files onto the CNS servers. Instructions for this are given in [p.121 : Remote Access to CNS Servers].

04 Upload Using SCP/SFTP

You can upload files to the CNS servers using SCP or SFTP. Instructions on how to use WinSCP on Windows, and Cyberduck on macOS will be given in this section.

Directory	Path on CNS Servers
macOS Home directory	/home/[your CNS login name]/CNSiMac
Windows 11 Document directory	Z:\11DataCNS\Documents

Remote Access to CNS Servers

What is Remote Access ?

Even if you cannot access on-campus computers physically, you can still access CNS servers remotely using the SSH protocol.

In this section, instructions for remote access on Windows 11 and macOS are provided. For more information about CNS servers, please refer to the following URL:

⇒ <u>https://secure.itc.keio.ac.jp/c/a/sfc/en/computer_server.html</u>

Access Remotely from Your PC (Windows 11)



Package files

You probably want one of these. They include versions of all the PuTTY util

(Not sure whether you want the 32-bit or the 64-bit version? Read the FAQ e

We also publish the latest PuTTY installers for all Windows architectures as after we release them.



01

Windows does not have a SSH client preinstalled. You must install dedicated software. We will use "PuTTY" as an example. Access the link below, and click • "Download PuTTY."

⇒ <u>https://www.chiark.greenend.org.uk/~sgtatham/</u> <u>putty/</u>

02

Click **①** "putty-64bit-0.79-installer.msi" and save it to any location.

8 Appendix

A A

5

6

CNS Servers

Antivirus



CNS Servers

PuTTY release 0.77 (64-bit) Setup Destination Folder Click Next to install to the default folder or click Change to choose another. Install PuTTY release 0.77 (64-bit) to: C.*Program Files#PuTTY# Change... Back Next Cancel

03

Open the file you just downloaded.

Click **①** "Next."

04

Confirm the installation location and click **①** "Next."



05

Confirm that "Install PuTTY files" is selected, then click • "Install."

Antivirus

5

6

CNS Servers

FAQ

8

Appendix

07

06

Click 1 "Finish."

Open **1** "PuTTYgen" from Start menu.

80

Generate a pair of public and private keys required for remote login. Click ① "Generate."

09

Follow the instructions on the screen and keep moving the mouse cursor randomly on the screen.

 \bigcirc PuTTYgen Ŧ PuTTY Key Generator ? Х File Key Conversions Help Key No key Act Gene ata ka visting pr

Put If Key Generator			(Х
Key Conversions Help				
ey .				
Please generate some randomness by moving t	he mouse over the	blank area.		
ctors				
ctions Senerate a public/private key pair			Generate	
ctions Benerate a public/private key pair Load an existing private key file			Generate Load	
ctore Senarate a public/private key pair Load an existing private key file Save the generated key		Save public key	Generate Load Save private liey	
ciona Jenarato a public/private koy pair ced an existing private key file Jave the generated key azmetera		Save public key	Generate Load Save private key	
ctore Januards a public/private key pair core an existing private key file Save the generated key anneologi goo filey to generate:		Save public key	Generate Load Save private key	

O ECDSA

○ SSH-1 (RSA) 2048

Type of key to generate: (•) RSA ODSA

Number of bits in a generated key



PuTTY release 0.77 (64-bit) Se	etup	—		\times
Ê	Completed the PuTTY re Setup Wizard	elease 0.7	7 (64-	bit)
	Click the Finish button to exit the Se	tup Wizard.		
đ	View README file	D		
	Back	inish	Canc	el

📽 PuTTY Key Gene	ator			? >
ile Key Conversio	ns Help			
File law for matin -RO-688 AL 01.4/258 -280mZ JZ JA/96 DV Boll/R J/oc PZ g6275 	z loto OnenSSH suth ImPERWZ - (800Elo) PodRMeGL Ve7J801 woorfile5XargF O YA	wined keys file: /HHM1Rc1W1J2GGsCF /XJVFVcRfGEWgActY/c 0Jvov/Java2RTjBviko11 acf8mx7m6verLkvSf0	e JBRIDBuijeFy9 us tA <u>sv2 _1A/SL</u> JXEJL3J1W4VLe JBAG11X7 ifsvafe7e00Wev	KeMBIDLY160BPeM4U3ub
Key fingerprint.	ssh-rsa 2048 SHA	uHf mailikey=20020920 256 SIR2cOvsnvZraZA80	GelKX7JHGiksGLdHdRn/WWr	vR00Zg
Key passphrase:				
Actions				
Generate a public/p	ivate key pair			Generate
Load an existing priv	ate key file			Losd
Save the generated	key		Save public key	Save private key
Parameters				
Type of key to gener (•) RSA	ate: O DSA	O ECDSA		O SSH-1 (RSA)
Number of bits in a g	enerated key:			2048

g Pully Key Gene	rator			?	>
e Kev Conversio	ons Help				
Key					
Public key for pastir	ng into OpenSSH autho	orized_keys file:			
+ROs66kAU9NMzB	8mPEBWyZry89QEloV CExe8We0LVe7.1901#	HHM1Rc1W1J20GaCFr X_UEWERDEWelAatX/c	j BHDBuikEuQua+dav2m0.4SLi	WEDLYLOBR-MILDUS	^
BollfRJ/ocPZg927	SwoQzfds5XazgFIOYA	QJvowVawa2RTjBwkw1U	IXEjL3J1W4VLe	CHORE I I GUEL CHARGES	
+miE52mWCVrTTE +dvaBGiMANMXkc	Es9aH7smr.cioOFMgma s81rbmr.cO8lcvaELJuu	agB8mx7gy0xenLkwS95i JHf rsa-kev-20220920	nMx01TX7j6ypfp7c00WwyI	xdy+DnkPARZaRPKe1m	v
Key finzerprint:	ssh-rss 2048 SHA2	256:SiR2eOvanvZraZA60	SelfX7JHGksGLdHdRn/WWY	ROOZg	
Key comme	rss-key-20220820			-	
Key passpring					
Confirm pr					
Actions					
Actions Generate a public/p	rivate key pair			Generate	
Actions Generate a public/p Load an existing pri	nrivate key pair vate key file			Generate Loed	
Actions Generate a public/p Load an existing pri Save the generated	orivate key pair vate key file koy		Save public ke	Generate Loed Save private key	
Actions Generate a public/p Load an existing pri Save the generated Parametera	orivate key pair vate key file key		Save public ke	Generate Loed Save private key	
Actions Generate a public/p Load an existing pri- Save the generated Parametera Type of key to gene (© RSA	orivate kay pair vate kay file kay rate: ODSA	Q ecdsa	Save public ke	Generate Loed Save private key O SSH-1 (RSA)	





10

The public key and private key have been generated. Please make a copy of the generated public key **①**.

11

To encrypt your private key, enter your desired passphrase in **1** and **2**, and then click **3** "Save private key."

12

Type any File name to save the private key. Then, click • "Save."

The saved private key will be used in STEP 19. The private key you saved should be stored securely in the same way as a password. Do not disclose or share it with others.

13

Register the public key you have created.

Access the following URL, enter your CNS login name in • and your CNS login password in • , and then click • "Login."

 \Rightarrow <u>https://itcsecure.sfc.keio.ac.jp/form/password/</u>







Open **1** "PuTTY" from the Start menu.

17

Click **1** "Connection" \rightarrow **2** "SSH" \rightarrow **3** "Auth" \rightarrow **3** "Browse..."

FAQ

5

6

CNS Servers

Antivirus

About

Help



Open Open v Cancel

6

Select private key file

E Pictures * ^

ConeDrive

In This PC

3D Objects Desktop Documents Downloads) Music E Pictures Wideos L Windows (C:)

Organize * New folder

CNS Servers

🖉 PuTTY Configuration ? \times - 2 ~ Options controlling SSH authentication ☑ Display pre-authentication banner (SSH-2 only) Terminal Keyboard Features Window Appearance Behaviour Translation Besetion Bypass authentication entirely (SSH-2 only) \Box Disconnect if authentication succeeds trivially Authentication methods Attempt authentication using Pageant - _vio ranslati Belection - _Colours - __Colours - ___Colours - ____Colours - ___Colours - ___Colours - ___Colour Attempt TIS or CryptoCard auth (SSH-1) Attempt "keyboard-interactive" auth (SSH-2) Authentication parameters Allow agent forwarding Allow attempted changes of username in SSH-2 Private kev file for authentication: C¥Users¥cnsuser¥.ssh¥id_rsa.ppk 1 Browse... - Tunnels - Bugs Help Open Cancel About

18

Click the private key you saved in STEP 12. Then, click **1** "Open."

19

Confirm that the correct key has been selected in ① and click 2 "Session."

😵 PuTTY Configuration		? ×
Category:		
 Session 	 Basic options for your PuTTY 	í session
Logging	Specify the destination you want to conn	nect to
Ierminal	Hoet Name (or IR addrace)	Port
Neyboard Dall		20
Eesturee	CCX03.slc.kel0.ac.jp	22
Window	Connection type:	
Appearance	● SSH ○ Serial ○ Other: Te	alnet 🗠
- Behaviour		
- Translation	Load, save or delete a stored session	
🕀 Selection	Saved Sessions	
Colours		
Connection		
Data	Default Settings	Load
Proxy		-
B 22H		Save
- Nex Heat laws		Delete
Cipher		Delete
Auth		
GSSAPI		
-ΠΥ	Close window on exit:	
-X11	Always ONever (•) Only o	n clean exit
- Tunnels		

Cancel

20

Type your host name in 1 "Host Name." We are using "ccx03.sfc.keio.ac.jp" as an example. Click 2 "Open." For more information regarding CNS server, refer to the following URL:

⇒ <u>https://secure.itc.keio.ac.jp/c/a/sfc/en/computer_</u> server.html



If you have never connected to a CNS server before, an alert similar to the one shown on the left will appear. Click **1** "Accept" to continue.

22

Type your CNS login name in "login as" then type enter key. Then type the passphrase you made in STEP 03 in "Passphrase for key 'imported-openssh-key.'" Then press the enter key. Be aware that the cursor won't move while the passphrase is being typed.

23

If you see the screen shown on the left, remote access is completed.



24

If you want to save the PuTTY connection settings, enter any host name (in this case, ccx03.sfc.keio.ac.jp) in the **①** "Saved Sessions" field and click **②** "Save".

🖉 co 03 sfc keio ac in - PuTTY s: ±20xxxtk icating with public key "imported-openssh-key" ase for key "imported-openssh-key":) Ubuntu 16.04.7 LTS (GNU/Linux 4.4.0-186-generic x86_64) ttps://microk8s.io/ has docs and details. release '18.04.5 LTS' available. 'do-release-upgrade' to upgrade to it.





6

5

6

CNS Servers

Antivirus

Access Remotely from Your Mac (macOS)

01

First, start Terminal.app from the Applications folder. On your Mac, we will use the ssh-keygen command to create a private and public key. Type in ssh-keygen -b 2048 and hit the Return key.

Arabie Characteria and the set of the set

02

The next page will ask you where you want to save your keys. Hit the Return key. By default, the keys are saved to "/Users/[your username]/.ssh/id_rsa"

tarokeio — ssh-keygen -b 2048 — 80×24
CNSGuidenoMacBook-Pro:~ tarokeio\$ ssh-keygen -b 2048
Generating public/private rsa key pair.
Enter file in which to save the key (/Users/tarokeio/.ssh/id_rsa):
Created directory '/Users/tarokeio/.ssh'.
Enter passphrase (empty for no passphrase):

03

Next, you will be asked to create a passphrase for your private key. Type your passphrase twice. Be aware that the cursor will not move while the passphrase is being typed.

04

Once you reach this page, you have finished generating your SSH keys.



Copy the public key to the clipboard. To copy to the clipboard, type this command.

cat ~/.ssh/id_rsa.pub | pbcopy

The public key that you created will be copied to the clipboard.

CNS login name	t23xxxtk	
CNS login password	······· •	~ ·
	Login	
	Sho	onan Fujisawa ITC, Keio U

06

Before you can login using your new SSH key, you must first register it. Access the CNS SSH Public key page and login using your CNS login.

⇒ <u>https://itcsecure.sfc.keio.ac.jp/form/password/</u>



07

Select 1 "CNS SSH Key."

5

6

CNS Servers

FAC

Antivirus



08

Paste your public key copied in STEP 05 in **1** and click **2** "Add Public Key."

Make sure there are no extra spaces after the key.

09

Open "Terminal.app" from the Applications folder. Type in

ssh [your CNS login name]@[login server]

For example,

login name = t23xxxtk

login server = ccx03.sfc.keio.ac.jp

If this is your second time setting up, skip STEP10 and STEP 11.

tarokeio — ssh 123xxxtk @ccx03 sfc.keio.ac.jp — 80x24 CNSGuidenoMacBook Pro:+ tarokeio\$ ssh 123xxxtk @ccx03.sfc.keio.ac.jp The authenticity of host 'ccx03.sfc.keio.ac.jp (133.27.4.211)' can't be establis hed. ECDSA key fingerprint is SHA256:tTp9XCDGiFEv12z/M4idjT65tSEAOWqMZt+eqmORzc. Are you sure you want to continue connecting (yes/no)? yes]

10

If a window like the one shown on the left appears, type "yes," then hit the return key.

CNSGuidenoMacBook-Pro:- tarokeio - ssh 123xxxt @ccx03 sfc.keio.ac.jp - 80x24 CNSGuidenoMacBook-Pro:- tarokeio\$ ssh 123xxxt @ccx03.sfc.keio.ac.jp The authenticity of host 'ccx02.sfc.keio.ac.jp (133.27.4.211)' (an't be establis hed. ECDSA key fingerprint is SHA256:tTp9XCDGiiFEv1zz/MkidjT55tSEAOWqMZt+eqmORzc. Are you sure you want to continue connecting (yes/no)? yes Warning: Permamently added 'ccx03.sfc.keio.ac.jp.132.27.4.211' (ECDSA) to the li st of known hosts. Enter passphrase for key '/Users/tarokeio/.ssh/id_rsa': []

11

Type the passphrase you made in STEP 3. Then, hit the return key. Be aware that the cursor will not move while the passphrase is being typed.

 tarokelo — ssh t23xxxtk @ccx 03 sfc.kelo.ac.jp — 80×24
 EDSA key fingerprint is SHA266:tTpXCD0ifFUtz/M4(d)T6555EA0WqMZt+eqmORzc. Are you sure you want to continue connecting (yes/noi7) yes
 Warning: Permanently added 'ccx03.sfc.kelo.ac.jp.133.27.4.211' (EDDA) to the li st of known hosts.
 Enter passphrase for key 'JUsers/tarokelo.jssh/id_rss':
 Welcome to Ubuntu 16.64.7 LTS (GNU/Linux 4.4.6-186-generic x86_64)
 * Are you ready for Kubernetes 1.19? It's nearly here! Try RC3 with sudo snap install microk8s --channel=1.19/candidate --classic https://microk8s.io/ has docs and details.
 New release '18.64.4 LTS' available.
 Run 'do-release-upgrade' to upgrade to it.
 The programs included with the Ubuntu system are free software; the exact distribution terms for each program are described in the individual [lies in /usr/share/dor/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.

12

If you see "%" on the bottom of the terminal window, you have successfully logged in.

5

6

CNS Servers

FAQ

Antivirus

3

Transferring Files to CNS from Your PC (Windows 11) with WinSCP



01

This section explains how to use the file transfer software "WinSCP."

Open a web browser and go to the following URL:

 \Rightarrow <u>https://winscp.net/eng/download.php</u>

Click **1** "DOWNLOAD WINSCP."





02

Read through the license agreement carefully. If you agree, click **①** "Accept >." If not, you cannot use this software.

03

Make sure **①** "Typical Installation (recommended)" is selected. Then click **②** "Next >."

Setup - WinSCP 5.21.3 × ¢. Initial User Settings Please, select your preferred user interface options two panels (left for local directory, right for remote directory)
 keyboard shortcuts like in Norton Commander (and other similar programs as
 Total Commander, Michight Commander...)
 drag & drop to/from both panels Commander ○ Explorer only remote directory
keyboard shortcuts like in Windows File Explorer
drag & drop 2 Back Cancel Help

CNS Servers

04

Next, select your preferred user interface style. "Commander interface style" will be used as an example for the instructions in this book. You can change the interface style after completing setup if you desire. Make sure that ① "Commander" is selected. Then, click ② "Next >."





06

05

Click **1** "Install."

Installation for WinSCP is completed. Click **①** "Finish" and close the installation wizard.



After installation, a shortcut to WinSCP is created on your desktop. Double click ① "WinSCP" to launch.

08

Select "SFTP" from **①** "File protocol" and type "ccx03.sfc. keio.ac.jp" in 2 "Host name," "22" in 3 "Port number," your CNS login name in **4** "User Name." Then click **G** "Advanced."



()9

The screen to the left will appear. Select **1** "Authentication." Then enter the file path to the private key you downloaded. For **2** private key generation please refer to STEP 01~15 of [p.121 : Access Remotely from Your PC (Windows 11)] .

10

If you want to save the settings, click **①** "Save". Click 2 "Login."



Advanced Site Settings









5

Antivirus



11

Click **1** "Yes."

Confirm the ssh-ed25519 key fingerprint matches the following:

c8:eb:a6:cf:b6:17:27:51:55:79:dc:5d:79:21:ac:af



12

Type the passphrase you typed in STEP 11 of [p.121 : Access Remotely from Your PC (Windows 11)]. Then, click \bullet "OK."

R sample - 123xxxk ⊕cc	o03.sfc.keio.a	cjp - WinSCP			-		×
Local Mark Files Comm	ands Session	Options Remote	Help				
E 🖾 🔯 Synchronize	2 2	@ @ Queue •	Transfer Settings Default	· 188 ·			
t23xxxtk @cof ¹³ sfc.ke	io.ac.io X 🗉	New Session					
T-C Windows	· 🕅 • 181	NO2 8.14	a second	1 1 r23vortk + (*** +)	T - 101 02 (2) [2) Extend [3]	l de velo	
B minute DP name	V D/ D.	in a no in the	TOD CO. NO.	tolk constant a LOP of	the of the first second s	DO LET MI	
The second secon	A \$27.100.1	Toperoes were		(home) atteach(or a set the off such stores i the reserve		
Contrast of Contrast of Contrast	£	×	Course of	Manage Contraction	fine Channel	Risks-	
a (1	340	Darget directory	0/20/2/22 9:52:05 AM	2	2/25/2022 0-19-11 AM	NJUI S	
► El		rulen directory	STEWEDER COSTO PRO	7DataCNS	6/13/2022 4:58:24 PM	DAX.	
				10DataCNS	6/13/2022 4:59:04 PM	DWX	
				CNSiMac	6/28/2022 7:33:30 PM	DWX	
				Mail	3/25/2022 5:46:41 PM	PWX	
				II Maldir	9/20/2022 8:45:36 AM	DWX	
				public_html	6/13/2022 5:06:40 PM	rwxx	
				Wnn8	3/25/2022 5:46:41 PM	PWX	
				II XPAppCNS	6/13/2022 4:58:24 PM	PMX	
				XPDataCNS	6/13/2022 4:58:24 PM	PAX	1
c			>	<			
0 8 of 0 8 in 0 of 0				0 8 of 0 8 in 0 of 9		12	hidde

13

Transferring Files to CNS from Your PC (Windows 11) with WinSCP is completed. If connected properly, your screen should look like the image on the left.

Your local computer's files are shown on the left side, and the remote computer's (CNS server's) files are shown on the right side of the screen. You can upload files easily by dragging and dropping them from your local files to the remote file window.

Antivirus

5

4

Transferring Files to CNS from Your Mac (macOS) with Cyberduck

<page-header></page-header>	01 This section explains how to use the file transfer software "Cyberduck." Open a web browser and go to the following URL: ⇒ https://cyberduck.io/ Click ● "Download." 02 Click ● "Cyberduck for macOS."	CNS Servers FAQ
Cyberduck.app" is an app downloaded from the Internet. Are you sure you want to open it? Safari downloaded this file today at 23:57 from a48823c7ec3cf4539564-60c534a1284a12ce74ef 84032e9b4e46.ssl.cf1.rackcdn.com Apple checked it for malicious software and none was detected.	O B Open the file you just downloaded and run the Cyberduck application. Click ① "Open" if you see the window shown on the left side.	Appendix
Cyberduck Unregistered Cyber Connection Quick Connect Action Refresh Edit Disconnect Connect Action Refresh Connect Action Refresh Connect Connect Action Refresh Connect Action Re	04 Click • "Open Connection."	

Quick Connect (SSH File Transfer Server: ccx033	Action	Refresh Edi	t	Disconnec
Quick Connect (SSH File Transfer Server: ccx/03	Action Protocol)	n Refresh Edi	t	Disconnec
(SSH File Transfer Server: ccx/03	Protocol)			٦A
Server: ccx/03				
	sfc.keio.ac.jp		20rt: 2	2 3
URL: sftp://cc	x02.sfc.keio.a	i <u>c.jp</u>		\equiv I
Username: t23xxxt	k			_ 4
Password: Passwo	ord			
Anor	nymous Login			
Private Key: ~/.ssh	/id_rsa			•5
Keychain		? Cancel	Connee	• 1 6
	Password: Password: Password: Password: Anon Private Key: -/.ssh Keychain	Vsername: Loxxxit Password: Password Anonymous Login Private Key: -/.ssh/id_rsa Keychain	Vsername zzskuk Password Anonymous Login Private Key: -/.ssh/id_rsa Keychain ? Cancel	Vserhain 25xxxx Password Anorymous Login Private Key: -/.ssh/id_rsa Keychain ? Cancel Conne

Select "SFTP" from the ① list and type "ccx02.sfc.keio. ac.jp" in ② "Server," "22" in ③ "Port," your CNS login name in ④ "Username" and the file path to the private key you downloaded in ⑤ "SSH Private Key." Then click ⑥ "Connect." For private key generation please refer to STEP 01~08 of [p.128 : Access Remotely from Your Mac (macOS)].



06

When the screen to the left is displayed check ① "Always," and click , ② "Allow."

	t23xxxtk @ccx03.sfc.keio.ac.jp - SFTP	Unregistered
©+	✓ ★ C Z	
Open Connection	Quick Connect Action Refresh Edit	Stop
V (Private key password protected	
	Enter the passphrase for the private key file (~/.ssh/id_rsa).	
ิ ด		
•	Save Password	
2	Cancel	Continue
	2-	Continue

07

When the screen on the left is displayed, type in the passphrase in $\mathbf{0}$, and then click **2** "Continue."

• • •	e t23xxxtk @c	cx03 .sfc.keio	.ac.jp – SFTP	Unregistered
C +		♦	0	
Open Connection	Quick Connect	Action Re	fresh Edit	Disconnect
1 I I V		/home/s2	20xxxtk 🔘 🔺	Q Search
Filename	~	Size	Modified	
CNSiMac			2020/01/0	7 17:08
🕨 🚞 Mail			2019/12/26	5 19:39
Maildir			2019/12/26	5 19:39
public_html			2019/12/26	5 19:39
Wnn8			2019/12/26	5 19:39

80

Transferring Files to CNS from Your Mac (macOS) with Cyberduck is completed.

If connected properly, your screen should look like the image on the left.

In this screen, you can see your files stored on CNS. You can upload files easily by dragging and dropping local files onto the remote file screen.

Publishing Files on the Web

You can publish your files to the web by uploading them to the directory specified on the CNS servers ("public_ html" under home directory) in three ways: from oncampus computers, by remotely accessing via SSH, or with any file transfer software. Files in this directory will be made publicly accessible on the internet unless either of the following options are set:

- Limiting access with Basic Authentication or Digest
 Authentication
- No read, write and execute permission on "other" class of files.

You can access files published from your public_html directory by visiting:

https://web.sfc.keio.ac.jp/~[your CNS login name]/ [relative path from public_html to the file] If you need more details, please refer to [p.140 : Correlation between URL and File Location].

Instructions for publishing files from on-campus computers, using file transfer software on computers, and remotely accessing CNS via command line interface (please refer to [p.121 : Remote Access to CNS Servers]) will be given in this section.

Publishing Files on the Web from On-Campus PC (Windows 11)

30				
2010				
, 1				
æ				
Internet Explorer				
-				
· · · · · · · · · · · · · · · · · · ·				
驟				
スタートメニューが動 作しないときに実				
■ 2 = PC 75(1) 32(2-9- 東京			-	· □ ×
← → - ↑ <u>■</u> → PC			v[ð] [PC0m⊞	P
# 2122 2252	フォルダー (7)			
■ 5221-y7 # ■ Downloads #	50 Objects	Documents	Downloads	
Documents of	Music	Pictures	THE Wileos	
E Round of				
30 Objects	1221-07			
Downloads V	デバイスとドライブ (4)			
Jo Munic	MCWIN07-C (C)	MCWIN97-D (D)	BD-RE F5477 (E)	
Wideos	■ 型音频和 241 GB/499 GB	● 空市情報 596 GB/399 GB		
■ デスクトップ	MCWIN07-M (ML)			
MCWIN07-C (C)	200-20場所(1)			
- MCMINIT_M (M)	t23xxx1k (Wcns-pdc) (Z)			
👳 t22xxxtk(Wcro-pdi				
	空き模址 79.8 GB/80.0 GB			
<i>₫</i> \$51-9-2	至自規址 79.8 68/82.0 68			
<i>₫</i> *>+9-9-9	22 218 19 70.0 GB/80.0 GB			

01

Click **1** "PC" from the desktop.

02

Click ● "[your CNS login name](Z:)" under "Network Location."

CNS Servers

03

By dragging and dropping your files into **①** "public_ html," you can publish them to the web.

If you want to know the URL of the uploaded file, please refer to [p.140: Correlation between URL and File Location].

Publishing Files on the Web from On-Campus Mac (macOS)



PAYONITES Image: State S

01

Open **①** "public_html" from the desktop.

02

By dragging and dropping your files into the "public_ html" directly, you can publish them to the web.

If you want to know the URL of the uploaded file, please refer to p.140: Correlation between URL and File Location .



CNS Servers

FAC

Publishing Files on the Web from Your PC with WinSCP (Windows 11)

Desktop - s19xxxk@ccx	02.stc.keio.a	:jp - WinSCP						-		×
Local Mark Files Comm	ands Session	Options Remote	Help							
E 🗟 🕞 Synchronize	- 2 R	@ Queue ·	Transfer Settings Default		g -					
and the second strate of the s	acio × E	New Session								
Desktop · [2	- 12 - 1-		1023	1 122x	ak • 🗇 • 🗹 •	1.01.1	- ខែខេត្ខ	h Find Files		
	¥ 17 B.	Properties 69 Ne		Lill Dow			Properties 109 New			
SUbert/Keio SEC/Deditori	11.12.10.		- 100 100	/home/t2	hoatk/					
Name	Size	7/04	Changed	^ _	^	Size	Changed	Rights	Owner	-
R LANG	31 KB	PNG File	21/06/2019 19:42:26				18/05/2019 00:35:25	CH07-27-X	root	
In Beckyl Ver 2 Ink	2 KB	Shortcut	21/12/2018 16:10:20				21/01/2019 11:00:22	FBX	123port	
R CPNG	37 KB	PNG File	21/06/2019 19:44:36							
A PNG	11 KB	PNG File	21/06/2019 19:46:22	1 public	html		21/01/2019 11:00:22	/mxx	t23port	k
e PNG	12 KB	PNG File	21/06/2019 19:48:11							-
ESET Endpoint Securit	3 KB	Shortcut	08/09/2016 13:13:07							
Excel 2016/nk	3 KB	Shortcut	08/09/2016 10:55:00							
A FING	15 KB	PNG File	21/06/2019 20.09.39							
H a PNG	12 KB	PNG File	21/06/2019 20:10:52							
SIL GIMP 2.10.10Jnk	1.83	Shortcut	10/09/2018 16:42:46							
H h.PNG	98 KB	PNG File	21/06/2019 20:11:56							
hogetxt	0 KB	Text Document	21/06/2019 20:15:10							
theplus.lnk	2 KB	Shortcut	08/09/2016 13:14:07							
E Mathematica.exe.lnk	2 KB	Shortcut	22/03/2019 16:19:21							
Microsoft EdgeJink	2 KB	Shortcut	27/07/2018 22:50:36							
PowerPoint 2016.Ink	3 KB	Shortcut	08/09/2016 10:55:00							
Prolog.ink	2 KB	Shortcut	07/09/2016 17:19:43							
PuTTY.Ink	1 KB	Shortcut	03/03/2017 13:39:05							
SAS 9.4 (日本語)Jrk	2 KB	Shortcut	28/03/2018 15:01:21							
Tera Term.ink	2 KB	Shortcut	11/03/2019 16:01:53							
vvvv - 32bit.lnk	2 KB	Shortcut	01/04/2019 15:28:11							
vvvv - 64bit.lnk	2 KB	Shortcut	01/04/2019 14:56:19							
Word 2016Jnk	3 KB	Shortcut	08/09/2016 10:55:00							

Instanti dente da la cance de la cance de la cancel de la ca

01

Launch WinSCP and connect to your CNS home directory. Please refer to [p.131 : Transferring Files to CNS from Your PC (Windows 11) with WinSCP] for instructions to install WinSCP.

Drag and drop the file or the directory that you want to publish on the web from local files (on the left side) to • "public_html" directory (on the right side).

02 Click **●** "OK."

Publishing Files on the Web from Your PC with WinSCP (Windows 11) is completed. If you want to know the URL of the uploaded file, please refer to [p.140 : Correlation between URL and File Location].

Publishing Files on the Web from Your Mac with Cyberduck (macOS)

• • •	🕴 t23xxxtk	@ccx02.sfc.k	eio.ac.jp – S	SFTP	Unregistered
C +			C	1	
Open Connection	Quick Connect	Action	Refresh E	dit	Disconnect
t 🛯 🔍 😚	• •	/home	e/t23xxxtk		Q Search
ilename		^ Size		Modified	
CNSiMac				2020/01/07	17:08
Mail				2019/12/26	19:39
Maildir				2019/12/26	19:39
public_html				2019/12/26	19:39
Wnn8				2019/12/26	19:39

01

Launch Cyberduck and connect to your CNS home directory. Please refer to [p.135 : Transferring Files to CNS from Your Mac (macOS) with Cyberduck] for instructions to install Cyberduck.

Drag and drop the file or the directory that you want to publish on the web from your computer to **①** "public_ html" directory.

Publishing Files on the Web from Your Mac with Cyberduck (macOS) is completed. If you want to know the URL of the uploaded file, please refer to [p.140 : Correlation between URL and File Location]

Correlation between URL and File Location

Here you can see the relationship between a file placed in "public_html" in your home directory on one of the CNS servers and the URL used to access the file from the internet. After uploading files, you can access the files on the web by launching a browser and typing the URL shown below :

https://web.sfc.keio.ac.jp/~[your CNS login name]/ [relative path from public_html to the file]

000	<u> </u>	example	
FAVORITIS All My Files All My Files Darktop CNSIMac Applications Douments Music DOPRES Work	TOTATCNS TOTATCNS COSMAC Mail CASMAC Mail Mail Statist Mail Statist Martin Statist Martin Statist Martin Martin	ti example →	Test.html



A relative path is a way to specify the location of a directory relative to the current directory.

For example, when there is a file "test.html" under the directory "example" that is located under the directory "public_html," the relative path to "test.html" from "public_html" will be "example/test.html."

01

When a user, who has a CNS login name "t23xxtk," makes a directory "example" under "public_html" that is located on home directory, then creates a file "test. html" in there, the directory structure should look like the image on the left.

02

When you access the files on the web, open a web browser and type the URL into **①** "the address bar" to access. The format of the URL is as below: ⇒ <u>https://web.sfc.keio.ac.jp/~[your CNS login name]/</u> [relative path from public_html to the file] In this example, since the CNS login name is "t23xxxtk" and the relative path from public_html to the file is "example/test.html", the URL should be as follows: https://web.sfc.keio.ac.jp/~t23xxxtk/example/test.html

If you cannot access the files on the web, please check the following:

- The file is placed under "public_html" in your home directory.
- The URL is typed correctly (Especially whether "~" is typed exactly before your CNS login name).

Antivirus

CNS Servers

-A 7

8

Appendix

COLUMN vol.3

About Keio ID and Keio Apps ID

Besides a CNS account for students and faculty members at SFC, a Keio ID will be distributed to all students and faculty members at Keio University. In the case where it is issued over March, 6, 2015, Keio ID should be formatted as follows. This will also apply to Keio Apps ID mentioned below.

[The character string you set in activation] @ keio.jp

By logging in to "keio.jp" with your Keio ID, you can use the various services provided by Keio University.

Also, for those who have a Keio ID already, please login to keio.jp and check your Keio Apps ID. Your Keio Apps ID should be formatted in default as follows (It is displayed on the upper right of the screen after "Keio Mail" is launched).

[your Keio ID] @ keio.jp

By using a Keio Apps ID, you can make better use of the services of Google Workspace for Education. These services will be usable in collaboration with other members; for example, "Drive," "Group," "Calendar," etc. You can also use Gmail by using your Keio Apps ID as an e-mail address.

Keio Apps ID can be used as a Google account, which means that you can download apps and digital content in Google Play. It is, however, not recommended. If your Keio Apps ID expires after graduating while you're using your Google account to pay for apps, your payment or settlement will be invalid. Keio University will not provide a guarantee against such kinds of losses.

7 FAQ

How to reset account passwords and common troubleshooting

Services that Require Pre-registration •••••••••••••••••••••••••••••
CNS Services that Require Pre-registration ••••••••••••••••••••••••••••••••••••
Software Licensing Center ••••••••••••••••••••••••••••••••••••
Using Microsft 365 Apps • • • • • • • • • • • • • • • • • •
How to Change Account Passwords • • • • • • • • • • • • • • • • • • •
Checking and Changing SFC-CNS Passwords • • • • • • • • • • • • • • • • • • •
Changing Login Password of keio.jp Account • • • • • • • • • • • • • • • • • • •
Have You Forgotten Your Password ? • • • • • • • • • • • • • • • • • •
Troubleshooting $\cdots \cdots \cdots$
Problems with Wireless LAN Connection • • • • • • • • • • • • • • • • • • •
Problems with CNS Printers ••••••••••••••••••••••••••••••••••••
Problems with Sending / Receiving Mail • • • • • • • • • • • • • • • • • • •
Troubleshooting of On-Campus Macs • • • • • • • • • • • • • • • • • • •
Quick Fix with CNS Tool ••••••••••••••••••••••••••••••••••
Unable to Launch Firefox or Thunderbird ••••••••••••••••••••••••••••••••••••
Resetting Your CNS Personal Space ••••••••••••••••••••••••••••••••••••
How to Check a PC's Operating System ••••••••••••••••••••••••••••••
SFC-CNS Technical Support Services •••••••••••••••••••••

Services that Require Pre-registration

CNS Services that Require Pre-registration

Certain network resources require an application to use. Access the Applications page of Shonan Fujisawa ITC from the following URL:

 \Rightarrow <u>https://www.sfc.itc.keio.ac.jp/en/application_sfc.html</u>

Select the service you wish to use and download the corresponding application form. Fill in the required items and turn it in at the Shonan Fujisawa ITC counter. Some applications can be submitted online. Services that require an application are listed below:

Name of Service	Eligible Users	Description
Registration for using P2P File Sharing Software	Students, Faculty and Staff	You can use file sharing software inside the university campus for research purposes.
Registration for CNS Mailing Lists	Faculty and Staff	You can create a mailing list for "Circle" activities (university clubs and societies) and lectures.
Registration for CNS Shared Workspaces	Faculty and Staff	You can use a shared workspace on CNS.
Registration for connecting devices to CNS	Full-time Faculty and Staff	You can connect devices to CNS with static hostnames and IP addresses.
Registration for Sub-Domains	Full-time Faculty and Staff	You can obtain sub-domains for laboratories.
Registration for Sub-Networks	Full-time Faculty and Staff	You can obtain sub-networks for laboratories.
Cloud Computing	Faculty and Staff	You can use VPS services.
CNS Servers

5

Software Licensing Center

Site licensed software is the software that Keio has purchased for faculty, staff, and/or students to use. Some software can be installed on your personal computer and used for research or educational purposes while the user is a student, faculty, or staff member at Keio. Some programs can be downloaded online; however, some programs must be installed by Shonan Fujisawa ITC after completing a paper application form. For the latest information, please check site licensed software detail/application page on the ITC website:

⇒ <u>https://secure.itc.keio.ac.jp/c/a/sfc/en/software_</u> license_sfc.html

As of September 2023, the following softwares are available:

Name of Software	Description	Eligible Users ^{*1}				
JMPPro	Statistical Analysis	Tenured and Non-Tenured Faculty and staff Member*2, Undergraduate and Graduate Students				
Mathematica	Technical Calculation Software	Tenured and Non-Tenured Faculty and staff Member, Undergraduate and Graduate Students				
SAS	Statistical Analysis	Tenured and Non-Tenured Faculty and staff Member*2, Undergraduate and Graduate Students				
SPSS	Statistical Analysis and Data Mining	Tenured and Non-Tenured Faculty and staff Member, Undergraduate and Graduate Students				
Amos	Analysis of Covariance Structure Software	Tenured and Non-Tenured Faculty and staff Member, Undergraduate and Graduate Students				
Microsoft EES	Office, Windows OS (Upgraded)	Tenured and Non-Tenured Faculty, and Staff Member				
Microsoft 365 Apps	Office	Tenured and Non-Tenured Faculty Member, Part-time faculty members in charge of a class, Undergraduate and Graduate Students				
Nikkei NEEDS Financial Data Search System	Financial Data Search System	Tenured and Non-Tenured Faculty Member*2,				
Nikkei NEEDS Stock Data Search System	Stock Data Search System	Undergrauuate and Graduate Stddents				
Adobe ETLA	Adobe enterprise term license agreement	Tenured and Non-Tenured Faculty and Staff Menber				
MATLAB	Math Analytics Program	Tenured and Non-Tenured Faculty and staff Member*2, Undergraduate and Graduate Students				
Chem Office Professional	Chemistry-Oriented Analytical Program	Tenured and Non-Tenured Faculty and staff Member, Undergraduate and Graduate Students				
ESET Smart Security / Cyber Security	Security Software	Staff, Undergraduate and Graduate Students				
ArcGIS	Geographical Information Analysis Software	Tenured and Non-Tenured Faculty and staff Member*2, Undergraduate and Graduate Students				
EndNote	To help manage documents and write papers	Tenured and Non-Tenured Faculty and staff Member, Undergraduate and Graduate Students				
iThenticate	Plagiarism Detection Software	Tenured and Non-Tenured Faculty Member, Graduate Students				
Zoom	Online Meeting Software	Staff, Undergraduate and Graduate Students				

*1 Except for correspondence course and non-degree students

*2 Except for Keio Affiliated Schools

*3 EndNote will be discontinued in FY2023.

2 Using Microsft 365 Apps

	Microsoft
•	Sign in
U	t.keio@keio.jp
	No account? Create one!
	Can't access your account?
	🔍 Sign-in options

01

Access Microsoft 365 Apps from the following URL, and enter your Keio ID in the **1** field. Then click **2** "Next"

https://portal.office.com/

keio.jp
ログイン対象: keio.jpポータル / keio.jp Portal _?
t.keio@keio.jp
Password:
ワンタイムパスワードを利用する
Login 3 Guidecon off
利用者ガイドサポート

02

You should be be redirected to keio.jp automatically to log in.

In the **1** "ID" section type in either your user ID for "keio.jp". For **2** "Password" section type in password for either your keio.jp password. Then click **3** "Login."

FAQ

5

6

CNS Servers

Antivirus

3

How to Change Account Passwords

Checking and Changing SFC-CNS Passwords

sword
Login

01

Open a web browser and go to the following URL: ⇒ https://itcsecure.sfc.keio.ac.jp/form/password/

You can change the following passwords here:

- CNS Login Password
- IMAP/SMTP-AUTH Password
- Web Database Password

Type your CNS login name in ① "CNS login name" and your CNS login password in ② "CNS login password." Then, click ③ "Login."

If you have lost your current CNS login password, you must bring your student ID card or campus card to the "CNS Service Counter" of Shonan Fujisawa ITC in order to reset your password.

(Please refer to [p.157 : SFC-CNS Technical Support Services]).

SFC-CNS Passwords CNS Light Duringed CNS SISI Rg CNS

ord for SFC-CNS on this page n password JUTH password

• Web D • CNS S You can S • SFC-C • IMAP/ • Web D

02

You will see the list of passwords you can change on the left side menu ①. Click the one you want to change.

NS Login Password MAP/SMTP-AI/TH Password	CNS Login Password	Logou
tatabase Password	現在のパスワード Current Password	IY.
NS SSH Key	新しいバスワード New password	12
	前記 Confirmation password	
	パスワードの強さ The strength of password	-0
	Submit	

FAO

03 Changing CNS Login Password

Type your current CNS login password in ① "Current Password" and your new CNS login password in ② • ③ . Then, click ④ "Submit" to save your changes.



04 Changing IMAP/SMTP-AUTH Password

Type your new IMAP/SMTP-AUTH password in **①** • **②** and click **③** "Submit". IMAP/SMTP-AUTH password must be longer than 10 letters, including lower and uppercase letters and numbers, and it must be different from your CNS login password.

CNS Login Password	Web DB Password
Database Password CNS SSH Key	パスワードの修設 (Confirm password) Confirm
	パスワードの作成/変更 (Create/Change] 2



Click **1** "Confirm" to check your Web Database Password.

Click **Q** "Create/Change" to chage your Web Database Password.

Í

5

6

CNS Servers

Antivirus

Changing Login Password of keio.jp Account





St. 1. 1.	1 - 1 -	
Key L	NIVERSITY CALAMVS GLADIO FORTIOR	
Password	menu	
╹─	kojo in	ITC Account
	keio.jp	TTC Account
	SFC-CNS	Mail soft/Smartphone apps



01

Open a web browser and go to the following URL: $\Rightarrow \underline{http://keio.jp/}$

Type your keio.jp ID in ① "ID" and your keio.jp password in ② "Password." Then, click ③ "Login."

O2 Click ● "Change Each Password at the top of the page.

03

Click **1** "keio.jp."

04

Type your current keio.jp password in ③ "Current password" and your new keio.jp password in ① • ② . Then, click ④ "OK" to apply changes.

Have You Forgotten Your Password?

If you have forgotten your CNS login password, you must bring your student ID to the CNS Service Counter [p.157 : SFC-CNS Technical Support Services] to change your password.

If you have forgotten your IMAP/SMTP-AUTH password, please refer to [p.147 : Checking and Changing SFC-CNS Passwords] to set a new email password.

If you have forgotten your ID and/or password for keio.jp, please bring your student ID to the CNS Service Counter and fill out the appropriate form.

COLUMN vol.4

Tips for Creating Stronger, More Secure Passwords

Currently, you must make and remember passwords to protect your digital information. The steps below are designed to help you make more secure passwords.

Step 01: Decide the basic string for your password

Refrain from using your telephone number, name, birthday, or any other words that could be easily obtained by a third party. You should also refrain from using words available in a dictionary.

Step 02: Replace letters with special characters and numbers

Replacing letters with characters and numbers can strengthen the security of a password (e.g. word > w0rd, Internet > !nternet, queen > 9ueen)

Step 03: Do not use the same password more than once

Using the same password for multiple websites makes it easier for an attacker to steal your password and impersonate you. You should make a different passwords for each service you use. However, remembering several unique passwords can be difficult, so you may be able to combine existing passwords and use similar expressions to make new ones (e.g. w0rd > cw0rdns [CNS Password], !nternet > ma!nternetil [mail password]).

There are also several resources available online for generating stronger and more secure passwords. Enjoy a more secure internet life using a strong, original password.

CNS Servers

Troubleshooting

Problems with Wireless LAN Connection

Ol Check Your Physical Switch

Your computer may have a physical switch for controlling wireless adapters. Please look for a Wi-Fi switch on your computer and access the system configuration on your computer to ensure that your wireless adapter is turned on.

O Check Your Certificate Expiration

You can confirm the expiration date of your certificate by following the instructions at the following site. Once the expiration date has passed, you will not be able to connect to the campus wireless LAN, so you will need to delete the old certificate and reissue a new one. For more details, please refer to the website below.

⇒ https://secure.itc.keio.ac.jp/c/a/sfc/en/network_ information_wireless_802_1x_renew.html

Reconfigure Wireless Network

In some cases, your wireless network setting might not have been configured correctly. Please reconfigure the device; refer to [p.15 : Wireless LAN] .

Problems with CNS Printers

Check Wireless LAN Connectivity

Printing requires internet connectivity; please check your network connectivity and try again.

02 Check File Size of Printing Jobs

Reduce the size of the file you are trying to print. If your file is too big, it may take a while to be sent to the CNS printers.

Changing file format may also help make the file smaller.

03 Check Printer Status

Occasionally, printers may show errors if they run out of toner or paper. If CNS printers display any errors, please contact Shonan Fujisawa Campus ITC immediately.

04 Check Setting for Printers

Your computer might not be properly configured if you are having problems with printing. Please setup the printer profile again by following the instructions on [p.77 : CNS Printers] .

8

Problems with Sending / Receiving Mail



01

If you cannot send emails even though your sending and receiving email addresses are correct, your email client configuration might need to be updated.

Please refer to [p.56 : Configuring Your CNS Mail on Your PC(Windows11), p.60 : Configuring Your CNS Mail on Your Mac(mac OS)] and setup your mail client again. To change the settings in Thunderbird, click ⁽²⁾ "Account Settings" from ⁽¹⁾ "Tools."



02Incoming Receiving Servers

Click **①** "Server Settings" to check the current setting of incoming servers.



03 Outgoing Sending Servers

Click **①** "Outgoing Server (SMTP)" to check sending server settings.

If you encounter any strange error messages or have difficulties solving an issue by yourself, please visit the ITC CNS service desk.

FAQ

Antivirus

5

6

CNS Servers

5

Troubleshooting of On-Campus Macs

Quick Fix with CNS Tool





01

The CNS Tool will help you change your CNS login password. Reset all the configurations and file systems of your personal CNS space, and delete any locked files.

You can open **2** "CNS Tool" folder from the **1** "Applications" folder in your dock.

Unable to Launch Firefox or Thunderbird



01

If Firefox or Thunderbird cannot be launched and shows the error "already activating and cannot be launched," you can fix this problem with "Unlock Firefox Thunderbird.app."

Click **①** "Unlock Firefox Thunderbird.app" in the "CNS_ Tool" folder.



Antivirus

5

6

CNS Servers

Resetting Your CNS Personal Space



01

If you encounter serious problems with your CNS personal space while using on-campus Mac computers, you may reset your entire CNS personal space to fix any problems.

This will delete all the files listed below:

- Files on Desktop
- Files in Documents folder
- Files in Music folder
- Files in Pictures folder
- Bookmarks on Firefox and Safari

Your CNSiMac directory will be backed up and stored in a new folder "Previous_CNSiMac." However, this folder can only store one backup at a time. Please make a backup of the folder if necessary. If you understand the risks and wish to proceed, click **①** "Renew CNSiMac. app" from the "CNS_Tool" folder.

You are about to initialize CNSiMac(settings for Mac) **1** Yes Quit

02

Read the warning in STEP 01, and, if you have no objections, click **①** "Yes."



03

Click **①** "OK." Your personal CNS space will be reset the next time you login.

How to Check a PC's Operating System



6

CNS Servers

Antivirus

7

SFC-CNS Technical Support Services

Please send any questions you have about SFC-CNS to Shonan Fujisawa ITC. You can also check our website for further up-to-date information:

⇒ <u>https://www.sfc.itc.keio.ac.jp/en/top_sfc.html</u>

Shonan Fujisawa ITC (Information Technology Center)									
Location	Media Center North First Floor CNS Service Desk								
E-mail Address	cns-request@sfc.keio.ac.jp								
Website	https://www.sfc.itc.keio.ac.jp								
Opening hours	9:15 - 17:00 (Closed on Saturdays, Sundays, public holidays, and holidays set by Keio.)								
Hotline (Weekdays)	9:15 - 18:00 (Spring/Fall semester) 9:15 - 17:30 (Summer/Winter break period)	Tel. : 0466-49-3423							
Hotline (Saturday)	9:15 - 17:30 (Spring/Fall semester) closed (Summer/Winter break period) (Closed on Sundays, and public holidays.)	Extension : 52512							

8 Appendix

B Appendix

Contact addresses in case you have any problems, list of equipment available for public use, and information about copyright.

Terms of Use $\cdots \cdots \cdots$	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	160
Rules of Using On-Campus Computers	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	٠	•	161
List of Available Equipment on Campus	•	٠	٠	•	•	•	•	•	•	•	•	•	•	٠	•	•	•	•	٠	٠	٠	٠	162
Copyright Rules and Claims •••••	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	163

Terms of Use

To Users of CNS

Shonan Fujisawa Campus

Shonan Fujisawa Campus - Campus Network System Terms of Service

The following rules shall be observed by all users of the Shonan Fujisawa Campus - Campus Network System (hereinafter referred to as "SFC-CNS").

- 1. SFC-CNS users acknowledge that the SFC-CNS is a network for academic purposes.
- II . Individuals using the network for non-educational or non-research purposes, such as any examples listed below, may have their SFC-CNS accounts terminated or temporarily suspended. Users should understand that such termination or suspension could result in inability to earn course credits or other significant disadvantages.
 - a. Profit making activities
 - b. Actions or activities that violate public order and decency
 - c. Actions or activities that invade the privacy of others
 - d. Actions or activities that interfere with the normal operation of the network
 - e. Actions or activities that infringe on copyrights or other intellectual property rights
 - f. Actions or activities which could damage the reputation of Keio University
 - g. Other actions or activities that violate laws and regulations or rules of Keio University
- III . Individuals found to be operating devices that could interfere with the normal operation of the network may have their access to SFC-CNS terminated.
- IV. These rules may be revised at any time. Revised rules shall take precedence over previous versions.
- V . The Shonan Fujisawa Campus shall issue SFC-CNS accounts only to persons agreeing to abide by these rules.

Established: 3 September 2003 Enforced: 3 September 2003

Rules of Using On-Campus Computers

01 Introduction

You may not use CNS for inappropriate purposes and should respect other network users at all times. You must abide by the following rules and should refrain from abusing campus resources. For the full CNS terms of use, refer to [p.160: Terms of Use].

02 Do Not Drink or Eat

Liquid and food can cause severe damage to computer equipment. No beverages and wet objects (with exception of bottled drinks) are allowed to be placed near computer equipment.

03 Fair Use

Because a limited number of computers are available for public use, the demand for equipment exceeds availability. Please be respectful and sensitive to the needs of others at all times and limit your use during times of heavy demand.

04 Log Out When Finished

Make sure to log out when you are finished. If you do not, a third party may exploit your account for illegal means and put the CNS network at risk. 5

6

CNS Servers

FAQ

Antivirus

List of Available Equipment on Campus

 $\mathsf{O1}$ Equipment at Media Center

Some computers have audio-visual equipment installed, which allow you to make copies of VHS tapes or edit video materials. Service hours are from 9:15 to 22:00 on weekdays, and from 9:15 to 19:00 on Saturdays. On Sundays and National holidays, the center is closed. To enter the Media Center, your Student ID card is required. You may refer to the website for further information:

02 Equipment at PC Rooms

PC Rooms are available to use 24 hours a day unless a lecture is conducted in the room. On New Years' holidays and summer holidays, the rooms will be closed. To enter the room, your Student ID card is required. If you do not have a student ID card, you will not be able to use the facilities. In addition, if you wish to use the room between 23:00 and 8:00 the next day, you must submit an "online residency notice" on the Web in advance.

Location		Use Type	Model / OS	Quantity	Host Name
		Walk-by	Lenovo ThinkStation P360(Windows 11)	1	mcsupc01
		Scaninng	Lenovo ThinkStation P360(Windows 11)	4	mcvspc01-04
	Video Edition		iMac Pro 2017 (macOS 12.6.3)	6	mchdmac01-06
Media Center		video Editing	iMac Retina 5K 27inch 2017 (macOS 12.6.3)	2	mchdmac80,81
	Music Composition iMac Retina 5K 27inch 2019 (mac		iMac Retina 5K 27inch 2019 (macOS 12.6.3)	2	mcdamac01,02
	Open Area	General Use	Lenovo ThinkStation P360(Windows 11)	5	mcws01-02 mcwin01-03
	(1st Floor)		iMac Retina 5K 27inch 2017 (macOS 12.6.3)	6	mcmac01-06
		Printer	2	-	
			DELL U3818DW 37.5inch Ultra Wide Monitor	1	U3818DW
			DELL P4317Q 42.5inch 4K Multi-Monitor	1	P4317Q
		BYOD Monitor	Apple Pro Display XDR 32inch Retina 6K Display	1	-
			EIZO CG319X 31.1inch Color Management LCD Monitor	2	-
	λ 11 CG/CAD/ Statistical analysis Lenovo ThinkStation P360(Windows 11)		45	ws00-44	
PC ROOMS	λ 18	Video Editing	iMac Retina 5K 27inch 2017 (macOS 12.6.3)	40	hdmac00-39
	λ 21	Music Composition	iMac Retina 5K 27inch 2019 (macOS 12.6.3)	40	damac00-39

⇒ https://www.lib.keio.ac.jp/en/sfc/

(As of September 2023)

Copyright Rules and Claims

01 Copyright

Redistributing someone else's copyrighted materials such as music, movies, and software without prior consent or legal agreement often results in infringement of copyrights. Those who have acted against the law will be disciplined by the University and face consequences.

$02^{\scriptscriptstyle \mathsf{Restriction}}$ on Use of P2P Softwares

Keio University will not tolerate any act of sharing copyrighted materials over the CNS network, in accordance with the amendment of Japanese Copyright Law in 2012. For educational and research purposes, you may use P2P software if your registration form is submitted to and accepted by Shonan Fujisawa ITC.

For detailed information detailed "Use of File Sharing Software on Campus" and up-to-date information of peer-to-peer software regulation, visit:

 \Rightarrow <u>https://www.sfc.itc.keio.ac.jp/en/software_fileshare.html</u>

03 Plagiarism

Copyright is a legal right that a creator has, given by a country, on exclusive rights to use and distribution of their production. All the reports, submissions by students to professors or staff must be the result of one's creation of his or her own. You may not write words taken from others work as if these are originally your thoughts and are expected to clearly credit the source of the documents or references. Any of the following acts is to be considered as infringement of copyright.

- Imitating or using the thoughts and language of another creator.
- Distributing music or movie files of other creators to the general public online.
- Exposing the records of TV programs or videotaped clips without authorization of the creator.

Rules, policies, and notices produced by the government and municipal bodies are not subjected to copyright as they are documents of the general public.

5

6

CNS Servers

Antiviru

04Citation

The copyrighted work of others can be used without permission in the form of a citation. To cite correctly, the following conditions must be satisfied.

- The source and the author's name are clearly stated
- The original text and the cited section can clearly
 be distinguished
- The cited work is necessary to prove your point
- Your work must not simply duplicate or restate the cited work
- The cited work is published

05 Use of Open Content

Out of all the works that are exchanged over the internet, there are somewhere the creators have left the work to be shared. This kind of work is called "Open Content" and can be used with comparatively few restrictions.

Creators who permit their work to be used freely are releasing a lot of open content. Amongst these works, there are those being distributed under the kinds of shared use agreements that you will see in the following sections. Make the most of open content but be sure that you understand and follow the terms of use.

06Copyright of This Book

SFC-CNS is made possible in part by the many free software, publicly-available documents, and public domain software that is available openly online.

To fulfill social responsibility, the contents of the SFC CNS Guide 2023 English Edition may be reused based on the following policy. Copying, translating, altering, modifying, quoting, printing, distributing, and selling of contents within the CNS Guide 2022 English Edition may be permissible within the regulations in the next section.

07 Regulations About Redistribution of This Book

Please refer to this book as the source and also state that this book allows secondary modification when you redistribute.

Questions are only accepted on-campus or via email.

You may read the web version of this book from the URL below:

 \Rightarrow <u>https://cns-guide.sfc.keio.ac.jp/</u>

SFC CNS GUIDE 2023 English Edition

September 1, 2023 (Date of Issue)

SFC CNS GUIDE Editorial Committee 5322 Endo Fujisawa, Kanagawa 252-0882 Japan Tel. +81-466-49-3423 cns-guide-req@sfc.keio.ac.jp https://cns-guide.sfc.keio.ac.jp/

©2023 Shonan Fujisawa Information Technology Center, Keio University

ISBN 978-4-906838-45-5