Application Guide for

International Graduate Program(B) - Early Application

for applicants seeking scholarships
from their home governments

commencing in Fall 2024

Tokyo Institute of Technology (Tokyo Tech) will be integrated with Tokyo Medical and Dental University (TMDU) as of fall 2024. The tentative name for the new university is "Institute of Science Tokyo".
Please note that if the integration day comes before your new enrollment in the fall of 2024, you will be among the new university's first students. However, if the integration day comes after your new enrollment at Tokyo Tech or TMDU, you will belong to the university at which you enrolled.
Up to the day before integration, all students currently studying at and newly enrolling at Tokyo Tech or TMDU will belong to the university at which they enrolled. As of the integration day, they will become students of the new university.

August, 2023

Tokyo Institute of Technology

Contents

Application schedule

Enrollment Date: **Fall 2024**
Number of Admitted Students: Several students for each department
Degree programs offered: Doctoral Program

Application Period	August 8, 2023 – October 15, 2023
Deadline of the consent mail/letter submission	October 10, 2023 at 23:59 (JST)
Deadline of application	October 15, 2023 at 23:59 (JST)
Result notification	Late-January 2024

1. General Prospectus

Tokyo Institute of Technology ("Tokyo Tech") launched its International Graduate Program in October 2007 as an opportunity for qualified international students, who may have little or no Japanese language ability, to enroll in Tokyo Tech's Master's or Doctoral Programs and pursue an advanced degree in Japan.

With a diverse group of 12 departments participating in IGP(B) Early Application, for applicants seeking scholarships from their home governments, students should be able to find a department in which to further their research, acquire broader knowledge and understanding, and conduct advanced long-term research in a field that best matches their interests and background.

However, students are given opportunities to attend Japanese language classes on a regular basis in order to better adapt to daily life in Japan.

This program aims to recruit qualified students who are expected to apply for a scholarship offered by a non-Japanese government or organization before their enrollment in a Doctoral Program at Tokyo Tech, and thus need to obtain written confirmation of admission to the Program.

Funders of scholarships provided to past applicants include the China Scholarship Council (CSC), the Indonesia Endowment Fund for Education (LPDP) and the Indonesian Directorate General of Higher Education (DGHE or DIKTI).

2. Programs

This recruitment prospectus relates to **Doctoral Programs** scheduled to begin in **Fall 2024**.

Students are expected to successfully complete their supervised study within three years. To attain a doctoral degree, students need to earn the designated number of credits outlined by their department in a predetermined program of study, complete and receive approval of their research thesis, and pass a comprehensive final examination. Students who demonstrate outstanding academic and research performance during the program may be able to reduce their period of study.

List of Departments participating in IGP(B)

Applicants are required to specify their intended department from the list below:

School	Department	Faculty List (Appendix)
School of Science	Physics	Page 2
School of Engineering	Mechanical Engineering	Page 4
	Systems and Control Engineering	Page 7
	Electrical and Electronic Engineering	Page 9
	Information and Communications Engineering	Page 12
	Industrial Engineering and Economics	Page 14
School of Materials and Chemical Technology	Materials Science and Engineering	Page 15
	Chemical Science and Engineering	Page 18
School of Computing	Mathematical and Computing Science	Page 21
School of Life Science and Technology	Life Science and Technology	Page 22
School of Environment and Society	Civil and Environmental Engineering	Page 25
	Transdisciplinary Science and Engineering	Page 26

3. Eligibility

Non-Japanese citizens who satisfy ALL of the following conditions:

Please note that applicants **may NOT** (i) apply to a different Tokyo Tech program before receiving admission results or (ii) submit multiple applications to different master's programs for the same enrollment period. Applications in either of the above two cases will be rejected or revoked.

(1) Persons who are expected to apply for a scholarship offered by a non-Japanese government or organization before their enrollment in a Doctoral Program at Tokyo Tech.

(2) Persons who need to obtain written confirmation of admission to a Doctoral Program at Tokyo Tech and submit it to the organization offering a scholarship.

(3) Persons who satisfy one of the following conditions:

(a) Persons who have successfully obtained a degree equivalent to a master's degree or a professional degree at a university or college outside Japan or who are expected to do so by the day before the admission date.

(b) Persons who have obtained a master's degree or a professional master's degree in Japan or who are expected to do so by the day before the admission date.

(c) Persons who do not meet eligibility conditions (3)(a) or (3)(b) but are individually assessed and recognized by the relevant School at Tokyo Tech as having academic abilities equivalent to or higher than that of a master's degree or professional degree holder and are at least 24 years old by the day before the admission date.

Note: The admission of applicants expecting to obtain a master's or professional master's degree from a university or college will be revoked should the applicant fail to do so by the day before the admission date.

■Individual Assessment of Admission Eligibility

Applicants who fall under eligibility conditions 3(c) must contact the Admissions Division before proceeding with the online application, and ask if they need to go through the Individual Assessment of Admission Eligibility or submit the relevant documents.

Applicants who submit an application of Individual Assessment of Admission Eligibility will be informed of the result around **mid-November, 2023**.

4. Application Process

Prior to application, applicants are required to contact their intended academic supervisor at Tokyo Tech directly via email, provide a self-introductory statement and a letter of intent for their period of study at Tokyo Tech, and obtain the consent of the desired faculty member to serve in this capacity. Applications will not be considered without the consent of a Tokyo Tech faculty member who will act as the applicant's academic supervisor.

Before proceeding with the online application process, applicants must obtain a consent email or letter from a Tokyo Tech faculty member, and send a copy of it to the Admissions Division by **October 10 at 23:59 (JST)**. After verifying the document, the Admissions Division will provide applicants with a URL for the online application system and a required password.

Note: Faculty members are affiliated with schools and assigned to teach a graduate major. Students must select **a graduate major** from the faculty list. Please ask your intended academic supervisor which graduate major you should select. Requirements for the completion of a degree are stipulated for each graduate major.

Find your academic supervisor

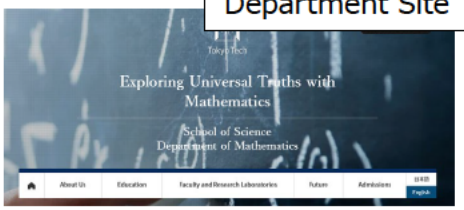
Please refer the chart below for the procedure to find your academic supervisor and contact information. Some academic supervisors may require the submission of additional documents before the stated deadline.

STEP 1

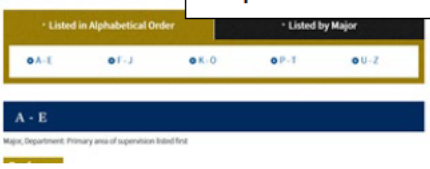
Access your intended department website and confirm the potential academic supervisor's major and research fields.

Department List

Department Site

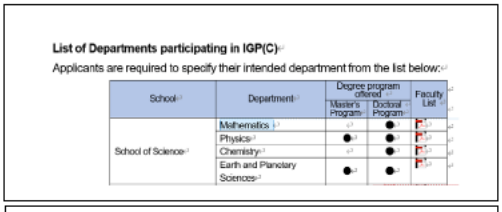


Faculty List on Department Site



STEP 2

Check this Application Guide to confirm that the researcher is on the faculty list for your intended IGP.



List of Departments participating in IGP(C)

Applicants are required to specify their intended department from the list below:

School	Department	Degree program offered		Faculty List
		Master's Program	Doctoral Program	
School of Science	Mathematics		●	
	Physics	●	●	
	Chemistry		●	
	Earth and Planetary Sciences	●	●	

STEP 3

Use Tokyo Tech's research database, "Star Search" to find faculty member contact and other information.

How to Apply

Before Application

1

Gather information on Tokyo Tech websites

Find degree programs and research fields of interest, and search for possible academic supervisors. Make sure to look at the IGP application schedule.

2

Check eligibility for each program

If you need to go through the Individual Assessment of Admission Eligibility*, or are unsure about your eligibility, please contact the Admissions Division at ryugakusei@jim.titech.ac.jp. (*Application form is required. See step 5.)

3

Contact an intended academic supervisor

Obtain a consent email/letter from your intended academic supervisor to be accepted to their lab. Submit your CV, transcripts, etc. as requested.

4

Email a copy of the consent email/letter to the Admissions Division

Send a copy of the consent email/letter to ryugakusei@jim.titech.ac.jp so that it arrives no later than the deadline stated below. You will receive a **URL** and **password** required to access the online application system **in about a week**.

Submission deadline: **October 10, 2023 at 23:59 (JST)**

5

Prepare application documents

1. ID photo
2. Consent email/letter from Tokyo Tech faculty member
3. Field of study and study program (★)
4. Summary of thesis (free format)
5. English proficiency test score
6. A copy of your passport or residence card
7. Verification of application fee payment
8. Academic transcripts
9. Certificate of graduation
10. Certificate of degree
11. Evaluation sheet with recommendation letter (★)

Application for Individual Assessment of Admission Eligibility (★)

★ Designated formats can be downloaded from each IGP program page

Application via Online System

6

Complete the submission of application documents

Access the online application system with the URL and password notified by the Admissions Division.

Online Application System

Fill out the online form and complete the submission of application documents no later than **October 15, 2023 at 23:59** (JST)

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Application process is completed

The Admissions Division reviews applications and supporting documents and confirms the receipt of application to each applicant via email.

Application Documents

■ Application documents to be submitted by applicants

Prior to accessing the online application system, applicants must make sure that all of the following documents are prepared for online submission.

No.	Required Documents
1	**ID photo** Photograph (JPEG) *4.0×3.0 cm, taken within the past six months. The file must be less than 2MB, 350 (height) X 290 (width) pixels, JPEG format with a resolution of more than 300 dpi. The photo should be in color with no background and must provide a clear, front view of the applicant's entire face.
2	**Consent of a Tokyo Tech faculty member** Electronic or scanned data of a consent mail or letter to verify that a Tokyo Tech faculty member has consented to act as academic supervisor during the intended period of study at Tokyo Tech. (This document must be emailed to the Admissions Division prior to accessing the online application system no later than **October 10, 2023 at 23:59 (JST)**. Applicant will then receive a URL and password required to access the online application system.)
3	**Field of study and study program** [research proposal] (★) ★Designated formats can be downloaded from each IGP program page
4	**Summary of thesis or research** (free format) 1) For applicants of the Doctoral program: a summary of thesis. (Those who have not written a master's thesis must submit a summary of master's program research) (Applicants for the Doctoral program under eligibility condition B 3(c) are not required to submit this)

5	**English proficiency test score or approval email for exemption from English proficiency test score submission (*)** Electronic or scanned data of English proficiency test score of one of the following tests taken on or after **October 16, 2021**. Applicants **do not** to request ETS or the British Council to send their English proficiency score to Tokyo Tech. **TOEFL iBT (including TOEFL iBT (Special) Home Edition)** **TOEFL ITP Plus for China Solution (taken in Mainland of China)** **TOEFL Paper delivered Test** **TOEIC L&R** **IELTS Academic Module (including computer-delivered test)** The Institutional Program of TOEFL (TOEFL-ITP) and TOEIC (TOEIC-IP), TOEIC S&W, or other proficiency tests not specifically listed above **will not be accepted**. **(*) Exemption from submitting English proficiency test scores** Applicants who wish to obtain exemption must first consult their prospective academic supervisor. If exemption is granted, applicants must submit electronic or scanned data of the email notifying them that exemption was approved. Applicants who meet any of the following conditions may be exempted from submitting English proficiency test scores. (i) Native English speakers (ii) Individuals who have been awarded an undergraduate and/or graduate degree from an institution where all instruction was in English (iii) Individuals who have been granted this exemption by a department chair at Tokyo Tech. *Undergraduate and graduate degrees should be equivalent to the Japanese educational definitions of undergraduate, master's, and doctoral degrees.
6	**Applicant's passport or residence card** Electronic or scanned data of the page(s) with the applicant's name, nationality, date of birth, and photo

7	**Payment verification of application fee (entrance examination fee): JPY 30,000** Applicants must pay the application fee online at E-Shiharai Net, using a credit card within the application fee payment period. Save a “Payment Verification” page that appears at the end of the payment process as a PDF file. Applicant who is a Japanese Government (MEXT) Scholarship student is not required to pay this fee. In that case, please submit documents to verify applicant’s scholarship status (受給証明書). The application fee is non-refundable. However, the application fee may be refunded in the following cases, with bank remittance or transaction handling fees borne by the applicant. 1. Applicants paid the application fee but did not submit the application documents 2. Applications could not be processed due to lacking necessary documents, etc. 3. Applicants will receive the CSC Scholarship and enroll at Tokyo Tech Payment Period: **August 8, 2023 – October 15, 2023**
8	**Official academic transcripts** academic transcripts from **both** undergraduate and graduate academic institutions attended If the applicant’s grades have not been reflected due to a difference in evaluation systems at the university in which he/she was enrolled and his/her current university (including Tokyo Tech) -- such as those involving transfer, exemptions, etc. -- the transcripts from the original institute(s) that granted the credits should also be submitted.
9	**Certificate confirming graduation or expected graduation issued from applicant’s previous or current university** The documentation must verify the applicant’s eligibility for admission, and must include his/her name, confirm graduation (or expected graduation), and include the date of graduation. If the applicant graduated or is graduating early or has skipped a grade or year, an official document or letter issued by the university indicating as such must be submitted.
10	**Certificate confirming degree or expected degree issued from applicant’s previous or current university** The documentation must verify the applicant’s degree (or expected degree), and must

	include the recipient's name, confirm the degree awarded, and include the date issued and the degree program taken.

Note:
Documents 8 & 9 & 10:
Documents written in a language other than English or Japanese must be accompanied by a certified English or Japanese translation. Translations should be certified by a public institution or the issuing university.

Document 9 & 10:
Certificates for 9 and 10 above need not be separate documents. A document certifying both graduation and the degree awarded may be submitted.

If an applicant's university dose not issue a certificate of expected graduation and degree, an official letter, issued by applicant's current university, indicating applicant's name, date of birth, expected date of graduation, and expected degree may be accepted as a substitute.

11	**Evaluation sheet with recommendation (in a single document)** (★) Must be issued by a supervisor, head of department, or similar official at the applicant's previous or current university to verify the applicant's potential. The applicant may submit only one evaluation sheet with recommendation letter. If there are multiple submissions of the document, even if they are accepted by the online application system, only the first submission will be considered valid.

★ Designated formats can be downloaded from each IGP program page

■ Application for Individual Assessment of Admission Eligibility

Applicants who fall under eligibility conditions 3(c) must contact the Admissions Division before proceeding with the online application, and ask if they need to go through the Individual Assessment of Admission Eligibility or submit the relevant documents.

Applicant who is required to go through Individual Assessment of Admission Eligibility**,** must submit **Application for Individual Assessment of Admission Eligibility** (★) with the following supplementary documents

- Research Achievements
- Outline of Research (free format, approximately 300 words)

★：Designated formats can be downloaded from each IGP program page.

Completion of the online application process

The entire online application process must be completed no later than **October 15, 2023 at 23:59 (JST)**. Applicants must fill out the online form and submit the application documents via the Tokyo Tech online submission system no later than this deadline.

Notes:

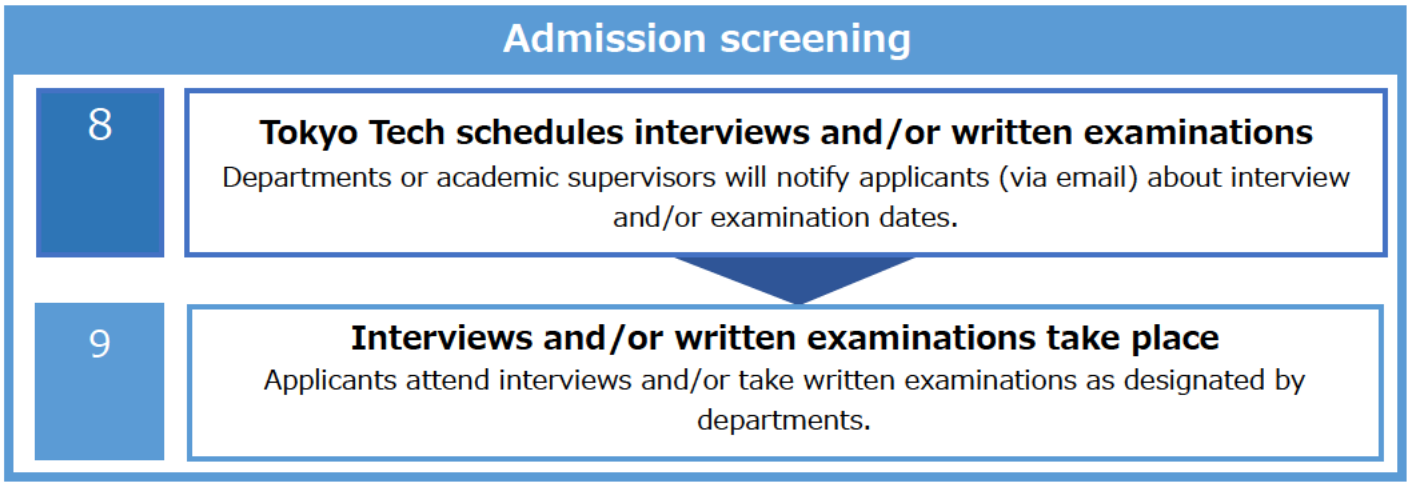
(1) Admission may be withdrawn at any time, even after enrollment, if the application documents are found to be invalid or contain false information.

(2) The information provided in application documents is used only for entrance examinations and related purposes. The policy regarding the use of personal information is as follows:
a. Personal information obtained through the application process will be used for selection of applicants. Only in the case of enrolling applicants will it be used for (i) enrollment procedures, (ii) administrative purposes (student records, academic guidance), (iii) student support (health management, career support, application for scholarships and tuition exemption), and (vi) procedures related to the collection of tuition.
b. Entrance examination results may be used in the future to improve applicant selection methods.
c. In performing the tasks described in items a and b, some duties may be delegated to outside contractors. These contractors may, where necessary, be provided with all or part of obtained personal information to complete their duties.

(3) Tokyo Tech will not accept or consider any documents received after the stated deadline or any incomplete applications.

(4) Submitted documents cannot be changed after completing the application.

5. Admission process



■Interview and/or examination

The examination period and subjects differ among departments. After completion of application, applicants will be notified about the schedule of interviews and/or examinations by the intended academic supervisor or department. Please refer to the following contact details for inquiries and further information.

Department	Inquiries
Physics	http://info.phys.sci.titech.ac.jp/english/graduate/examination.html phys-grchair@phys.titech.ac.jp
Mechanical Engineering	http://www.mech.e.titech.ac.jp/en/admission/index.html IGP-EntranceExam@mech.e.titech.ac.jp
Systems and Control Engineering	https://educ.titech.ac.jp/sc/eng/admissions/ admission@mech.e.titech.ac.jp
Electrical and Electronic Engineering	inquiry@ee.e.titech.ac.jp
Information and Communications Engineering	ict_inquiry@ict.e.titech.ac.jp
Industrial Engineering and Economics	igp@ml.me.titech.ac.jp
Materials Science and Engineering	mat.adm@mac.titech.ac.jp
Chemical Science and Engineering	ent_admin@cap.mac.titech.ac.jp

Mathematical and Computing Science	is-nyushi@c.titech.ac.jp
Life Science and Technology	bio.igp@bio.titech.ac.jp
Civil and Environmental Engineering	inquiry@cv.titech.ac.jp
Transdisciplinary Science and Engineering	admission@tse.ens.titech.ac.jp

■Admission decision

The admission decision will be made based on the application documents and screening and interview processes including an online interview. Notifications of admission results will be sent to all applicants in **January 2024**.

Notification of results

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A list of successful applicants will be published on the Tokyo Tech website. Each applicant receives an admission decision. Successful applicants will be notified about documents required for enrollment by the admissions division via email.

6. Enrollment Fee and Tuition

Students admitted to the Doctoral Programs are required to pay the following fees.

Enrollment Fee	JPY 282,000
Annual Tuition	JPY 635,400

(Enrollment and tuition fees are subject to change. The amounts indicated above do not include bank handling charges.)

Applicants will be informed of the payment methods for the above fees along with a notification of admission results in **January 2024**.

7. Others

Prevention of Infectious Diseases

To manage the risk of infectious diseases at Tokyo Tech, international students (including those from other domestic universities, technical colleges, and

Japanese language schools) who have passed the entrance exam, are urged to submit a health certificate signed by a physician during the three months before enrollment.

Tokyo Tech will apply on behalf of successful applicants for a Certificate of Eligibility (COE) after the examination results are released. There may be cases, however, where the COE application is rejected by the Immigration Services Agency of Japan. Those without a COE will not be permitted to enter Japan, and will be withdrawn from Tokyo Tech if they have already completed the enrollment procedure. Please also note that enrollment and tuition fees once paid will not be refunded under any circumstances. Tokyo Tech has a system for postponing payment of those fees.

8. Inquiries

Answers to frequent asked questions about IGP admissions are included on the FAQ page below.
https://www.titech.ac.jp/english/admissions/prospective-students/graduate-programs/igp-faq

For other inquiries, please contact the Admissions Division at the following email addresses.

Inquiries about	**Email** **Designated words in the subject box**
Application procedures	ryugakusei@jim.titech.ac.jp [Question about application] IGP(B)_early_2024 fall_Full Name
Online application (for applicants)	lgp.submission@jim.titech.ac.jp [Question about submission] IGP(B)_early_2024 fall_Full Name
Online submission (for referees and university officials)	lgp.supportdoc-submission@jim.titech.ac.jp [Question about support doc-submission] IGP(B)_early_2024 fall_Full Name

Upon sending your question by email, please put the designated words in the subject box.

In circumstances where you need to send Tokyo Tech hard copies of the required

documents by post, please contact ryugakusei@jim.titech.ac.jp (see “Application procedures” of the above table) for advice.

We strongly recommend that you contact us as soon as possible if you have any questions about application procedures. As the procedures can take time, be sure to submit the documents early enough before the deadline. Please note that we cannot provide any support if you send inquiries/emails at the moment just before the application deadline.

Appendix

List of Faculties for International Graduate Program (B) commencing in Fall 2024

List of Faculty
Tokyo Institute of Technology International Graduate Program (B) Early Application for applicants seeking scholarships from their home governments Commencing in Fall 2024

School of Science

(1) Dept. of Physics

Academic Supervisor		Research Fields	Remarks	Graduate Major
Professor	ITO, Katsushi	Particle Physics (Theory)		・Physics
Professor	KAGAWA, Fumitaka	Condensed-matter physics, Phase control, Nonequilibrium (Experiment)		・Physics
Professor	KUZE, Masahiro	Particle Physics (Experiment)		・Physics
Professor	KOZUMA, Mikio	Quantum optics, Laser cooling, Bose Einstein condensation		・Physics
Professor	SATOH, Takuya	Ultrafast dynamics, optical condensed matter physics		・Physics
Professor	SASAMOTO, Tomohiro	Statistical physics		・Physics
Professor	JIDO, Daisuke	Nuclear Hadron Physics (Theory)		・Physics
Professor	JINNOUCHI, Osamu	High Energy Particle Physics (Experiment)		・Physics
Professor	SEKIGUCHI, Kimiko	Nuclear Physics (Experiment)		・Physics
Professor	NAKAMURA, Takashi	Nuclear Physics (Experiment)		・Physics
Professor	HIRAHARA, Toru	Surface Physics, Nano /spin-Science		・Physics
Professor	FUJISAWA, Toshimasa	Electron dynamics in semiconductor nanostructures		・Physics
Professor	MUKAIYAMA, Takashi	Laser cooling of atoms, ion traps, quantum sensing, Fermi degenerated gases, ultracold chemistry		・Physics
Professor	MURAKAMI, Shuichi	Theoretical Condensed Matter Physics, spintronics, geometrical phases		・Physics
Professor	OHZEKI, Masayuki	Quantum Mechanics and Statistical Physics for Information processing (Machine learning and Quantum Computation)		・Physics
Professor	NOTOMI, Masaya	Nanophotonics, Photonic crystals, Metamaterials		・Physics
~~Associate Professor~~	~~AIKAWA, Kiyotaka~~	~~Atomic and molecular physics, Quantum optics, Laser cooling~~		~~・Physics~~
Associate Professor	ISHIZUKA, Hiroaki	Theoretical condensed matter physics, transport phenomena, magnetism		・Physics
Associate Professor	IMAMURA, Yosuke	Particle Physics (Theory)		・Physics
Associate Professor	UCHIDA, Masaki	Topological and correlated materials, Molecular beam epitaxy, Quantum transport phenomena		・Physics

Associate Professor	KOGA, Akihisa	Strongly correlated electron systems		・Physics
Associate Professor	SUYAMA, Teruaki	Cosmology, gravitational waves (Theory)		・Physics
Associate Professor	SEKIZAWA, Kazuyuki	Nuclear Physics (Theory)		・Physics
Associate Professor	SOMIYA, Kentaro	Gravitational Wave Detector		・Physics
Associate Professor	NISHIDA, Yusuke	Theoretical Quantum Physics, Ultracold Atoms		・Physics
Associate Professor	FUJIOKA, Hiroyuki	Nuclear and Hadron Physics (Experiment)		・Physics
Associate Professor	PU, Jiang	Physical properties and devices of 2D materials and their heterostructures		・Physics
Associate Professor	MATSUSHITA, Michio	Optical spectroscopy of single proteins		・Physics
Associate Professor	YATSU, Yoichi	Astrophysics (Experiment)		・Physics
Visiting Professor	DOTANI, Tadayasu	X-ray Astronomy (Experiment)	JAXA	・Physics
Specially Appointed Professor	HIGEMOTO, Wataru	Strongly correlated electron systems, Muon science	JAEA	・Physics
Visiting Professor	MATSUHARA, Hideo	Infrared Astronomy (Experiment)	JAXA	・Physics
Visiting Professor	MIYAKE, Takashi	Computational materials science	AIST	・Physics

School of Engineering

(2) Dept. of Mechanical Engineering

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	SAITO, Takushi	[Thermofluid field] Development of thermal design technology for electrification of machinery, Analysis of transport phenomena including interface, Development of heat transfer control technology using nanomaterials		・Mechanical Engineering ・Energy Science and Informatics
Professor	XIAO, Feng	[Thermofluid field] Computational fluid dynamics,Numerical analysis, Integrated system of data, deterministic and statistical models		・Mechanical Engineering
Professor	SUEKANE, Tetsuya	[Thermofluid field] CO2 Geological Storage, Enhanced Oil Recovery, Transport in Porous Media, Numerical Simulation of Multiphase Flow		・Energy Science and Informatics ・Mechanical Engineering
Professor	TANAHASHI, Mamoru	[Thermofluid field] Fluid Dynamics, Heat and Mass Transfer, Combustion		・Energy Science and Informatics ・Mechanical Engineering
Professor	NOZAKI, Tomohiro	[Thermofluid field] Plasma Chemistry, Reaction Engineering, Thermal Engineering		・Energy Science and Informatics ・Mechanical Engineering
Professor	FUSHINOBU, Kazuyoshi	[Thermofluid field] Thermal Engineering (Ultrafast Laser Diagnosis & Processing, Additive Manufacturing, Automotive Electronic Packaging, Digital Printing, Energy Equipment)		・Mechanical Engineering
Professor	MURAKAMI, Yoichi	[Thermofluid field] CO2 Adsorbent Development, Materials Development for Batteries, Thermal Energy Harvesting & Storage, Photon Upconversion		・Mechanical Engineering
Specially Appointed Professor	KADONAGA, Masami	[Thermofluid field] Digital printing, Inkjet printing, Electrophotography	Master's Program only	・Mechanical Engineering
Associate Professor	ONISHI, Ryo	[Thermofluid field] Environmental Turbulent Flows, CFD, Machine Learning, Data Assimilation, Micro-Meteorology Forecasting System		・Mechanical Engineering
Associate Professor	KIKURA, Hiroshige	[Thermofluid field] Nuclear Reactor Safety, Process Control and Measurement System, Thermal Hydraulics, Safe Transport of Radioactive Material		・Nuclear Engineering
Associate Professor	SASABE, Takashi	[Thermofluid field] Advanced Energy Engineering		・Mechanical Engineering ・Energy Science and Informatics
Associate Professor	SUZUKI, Sayaka	[Thermofluid field] Thermal Engineering, Environmental Energy Engineering, Fire, Environmental Impacts of Fire and Combustion		・Mechanical Engineering ・Energy Science and Informatics
Associate Professor	HASEGAWA, Jun	[Thermofluid field] Plasma Science and Engineering, Ion Beam Science and Engineering, Fusion Energy, Fusion Neutron Source		・Mechanical Engineering ・Energy Science and Informatics
Specially Appointed Associate Professor	KATO, Koichi	[Thermofluid field] Digital printing, Inkjet printing, Electrophotography	Master's Program only	・Mechanical Engineering
Assistant Professor (Tenure Track)	KODAMA, Manabu	[Thermofluid field] X-ray measurement, machine learning analysis, electrochemical simulation, next-generation EV battery, water electrolysis		・Mechanical Engineering ・Energy Science and Informatics
Professor	ARAKI, Wakako	[Materials and processing fields] Mechanics of materials, Fracture mechanics, Solid state ionics, Mechanics and ionics of ion-conducting oxides		・Mechanical Engineering
Professor	INOUE, Hirotsugu	[Materials and processing fields] Mechanics of Materials, Non-destructive Testing		・Mechanical Engineering
Professor	OHTAKE, Naoto	[Materials and processing fields] Manufacturing Science and Technology		・Mechanical Engineering ・Engineering Sciences and Design
Professor	SATO, Chiaki	[Materials and processing fields] Adhesion Technology, Composite Materials		・Mechanical Engineering ・Engineering Sciences and Design
Professor	HIRATA, Atsushi	[Materials and processing fields] Surface Engineering		・Mechanical Engineering
Associate Professor	AONO, Yuko	[Materials and processing fields] Functional Surface and Thin Film, Laser Processing		・Mechanical Engineering

Associate Professor	AKASAKA, Hiroki	[Materials and processing fields] Synthesis and Evaluation of Inorganic Carbon Materials		・Mechanical Engineering ・Engineering Sciences and Design
Associate Professor	INABA, Kazuaki	[Materials and processing fields] Continuum Mechanics		・Mechanical Engineering ・Engineering Sciences and Design
Associate Professor	KONDO, Masatoshi	[Materials and processing fields] Fusion reactor, Fast reactor, Material compatibility, Liquid metal technology		・Nuclear Engineering
Associate Professor	SAKAGUCHI, Motoki	[Materials and processing fields] Mechanics and Strength of Materials		・Mechanical Engineering
Associate Professor	TANAKA, Tomohisa	[Materials and processing fields] Production engineering, Manufacturing, Tribology		・Mechanical Engineering
Associate Professor	MIZUTANI, Yoshihiro	[Materials and processing fields] Structural Reliability Engineering, Application of Artificial Intteligence		・Mechanical Engineering ・Engineering Sciences and Design
Associate Professor	YAMAZAKI, Takahisa	[Materials and processing fields] Materials for Space Use, Advanced Joining and Surface Coating		・Mechanical Engineering ・Engineering Sciences and Design
Associate Professor	YAMAMOTO, Takatoki	[Materials and processing fields] Bionanotechnology, Micro TAS		・Mechanical Engineering ・Human Centered Science and Biomedical Engineering
Professor	KIM, Joon-wan	[Mechanical system field] MEMS, Micro Mechatronics, Bio Mechatronics		・Mechanical Engineering ・Human Centered Science and Biomedical Engineering
Professor	SHINSHI, Tadahiko	[Mechanical system field] Mechanical Systems Using Magnetic Force, Magnetic MEMS, Ultrasonic Medical Instruments Artificial Heart		・Mechanical Engineering ・Human Centered Science and Biomedical Engineering
Professor	YANAGIDA, Yasuko	[Mechanical system field] Bio-MEMS/NEMS, Biosensing, Biofunctional Engineering		・Human Centered Science and Biomedical Engineering ・Mechanical Engineering
Professor	YAMAURA, Hiroshi	[Mechanical system field] Mechatronics, Dynamics, Control		・Mechanical Engineering
Specially Appointed Professor	KOBAYASHI, Tsune	[Mechanical system field] Analysis and Design of Mechanical Elements, Mechanisms for Automobiles		・Mechanical Engineering
Associate Professor	ISHIDA, Tadashi	[Mechanical system field] Biomedical MEMS, Nanobiology		・Human Centered Science and Biomedical Engineering ・Mechanical Engineering
Associate Professor	SAKAMOTO, Hiraku	[Mechanical system field] Space Structures, Dynamics, Numerical Analysis		・Engineering Sciences and Design ・Mechanical Engineering
Associate Professor	NAKANO, Yutaka	[Mechanical system field] Vibration Engineering		・Mechanical Engineering
Associate Professor	NISHISAKO, Takashi	[Mechanical system field] Nano/micro Fluid, Emulsion, Micro Chemistry, Bio chemistry, MEMS		・Mechanical Engineering
Associate Professor	HIJIKATA, Wataru	[Mechanical system field] Mechatronics, Medical Device, Wireless Power Transmission		・Engineering Sciences and Design ・Mechanical Engineering
Associate Professor	TAKAHASHI, Hideharu	[Mechanical system field] Smart Agricultural and Forestry Engineering, Remote Sensing, Zero-carbon Energy, Environmental Restoration and Utilization of Unused Resources		・Mechanical Engineering
Specially Appointed Associate Professor	MATSUURA, Daisuke	[Mechanical system field] Analysis and Design of Mechanical Elements, Robotics, Mechatronics, Visual Measurement, Visual Servo, Non-contact Manipulation, Welfare equipment		・Mechanical Engineering
Assistant Professor (Tenure Track)	CHUJO, Toshihiro	[Mechanical system field] Astrodynamics, Trajectory design, Guidance, Navigation, and Control, Deep space mission design, Spacecraft system, Dynamics simulation		・Mechanical Engineering
Professor	ENDO, Gen	[Mechanical system field] Robotics, Mechatronics, Mechanism Design		・Mechanical Engineering ・Engineering Sciences and Design
Professor	OKADA, Masafumi	[Intelligent system field] Robotics, Control Engineering		・Mechanical Engineering

Professor	SAITO, Shigeki	[Intelligent system field] Micromechanics, Micro Robotics, Engineering Design		・Engineering Sciences and Design
Professor	SHINO, Motoki	[Intelligent system field] Cooperative Assist and Control in Human-Machine Systems, Intelligent Mobility, Behavioral and Physiological Information based System Design, Comfort Design, Automated Driving Technology		・Human Centered Science and Biomedical Engineering ・Mechanical Engineering
Professor	TAKEDA, Yukio	[Intelligent system field] Mechanical Systems Design		・Mechanical Engineering ・Engineering Sciences and Design
Professor	NISHIDA, Yoshifumi	[Intelligent system field] Living Centric Design, Living Function Support, Artificial Intelligence, IoT		・Engineering Sciences and Design ・Mechanical Engineering
Professor	MAEDA, Shingo	[Intelligent system field] Soft Materials, Soft Robotics		・Mechanical Engineering
Associate Professor	SUGAHARA, Yusuke	[Intelligent system field] Mechanical Systems Design		・Mechanical Engineering ・Engineering Sciences and Design
Associate Professor	TAKAYAMA, Toshio	[Intelligent system field] Robothics & Mechatronics, Mechanism, Soft robot, Medical device, Microfluidic device		・Mechanical Engineering
Associate Professor	TANAKA, Hiroto	[Intelligent system field] Biomimetics, Fluid dynamics of animal flight and swimming, Flapping-wing aerial/underwater robots, Micro fabrication		・Mechanical Engineering
Specially Appointed Associate Professor	ENDO, Mitsuru	[Intelligent system field] Human Collaborative Robot, Light-weight Actuator, Mechatronics, Industrial Robot		・Mechanical Engineering
Associate Professor (Lecturer)	MIURA, Satoshi	[Intelligent system field] Human-Machine Interface, Brain-Machine Interface, Medical Robotics, Welfare Robotics,Surgical Robotics		・Mechanical Engineering

(3) Dept. of Systems and Control Engineering

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	AMAYA, Kenji	Inverse Problems, Computational Mechanics, Electrochemical Analysis, Optical Analysis		・Systems and Control Engineering
Professor	IMURA, Jun-ichi	Robot Intelligent Control, Control Theory Hybrid Systems Theory		・Systems and Control Engineering
Professor	KURABAYASHI, Daisuke	Biorobotic systems, Distributed systems, Motion planning		・Systems and Control Engineering ・Engineering Sciences and Design
Professor	KOSAKA, Hidenori	Thermodynamics, Fluid Dynamics, Internal Combustion Engine		・Systems and Control Engineering
Professor	SAMPEI, Mitsuji	Control Theory		・Systems and Control Engineering ・Engineering Sciences and Design
Professor	TSUKAGOSHI, Hideyuki	Biomimetic Soft Actuator, Fluid powered robot, Medical actuator		・Systems and Control Engineering
Professor	NAKAO, Hiroya	Nonlinear Dynamics, Stochastic Processes, Self-organization Phenomena		・Systems and Control Engineering
Professor	NAKASHIMA, Motomu	Sports Engineering, Biomechanics, Biorobotics, Musculoskeletal Analysis, Welfare Engineering		・Systems and Control Engineering
Professor	NAKADAI, Kazuhiro	Robot Audition, Computational Auditory Scene Analysis, Human-Machine Interaction		・Systems and Control Engineering
Associate Professor	ISHIZAKI, Takayuki	Systems and Control Theory, Power Systems, Distributed Energy Management System, Optimization		・Systems and Control Engineering
Associate Professor	KAWAKAMI, Rei	Open world vision, Multimodal recognition, Physics-based vision, Vision for AR/VR		・Systems and Control Engineering
Associate Professor	SATO, Susumu	Environmental Load Reduction in Transportation System, Control of Advanced Exhaust After-Treatment System, Alternative Fuels for Internal Combustion Engine		・Systems and Control Engineering
Professor	TANAKA, Masayuki	Computational photography, Image processing		・Engineering Sciences and Design ・Systems and Control Engineering
Associate Professor	HATANAKA, Takeshi	Cyber-Physical & Human Systems, Cyber-Physical Campus Energy Management, Networked Mobility, Distributed Optimization, Learning and Games		・Systems and Control Engineering
Associate Professor	HAYAKAWA, Tomohisa	Control Theory, Dynamical Systems Theory, Smart Society, Game Theory		・Systems and Control Engineering
Associate Professor	HARA, Seiichiro	Surface profile sensing, measurement information processing / evaluation, machining information sensing, surface texture design		・Systems and Control Engineering
Associate Professor	MIYAZAKI, Yusuke	Biomechanics, Injury Preventive Engineering, Digital Human Modeling		・Systems and Control Engineering
Associate Professor	YAMAKITA, Masaki	Control Engineering, Robotics		・Systems and Control Engineering ・Engineering Sciences and Design
Specially Appointed Professor	OKUTOMI, Masatoshi	Computer Vision, Image Processing	Prof. Okutomi belongs to a Collaborative Research Cluster with micware Co.,Ltd and can accept only doctor course students under appropriate conditions. Please make contact with the admission chair of the department in advance.	・Systems and Control Engineering

Specially Appointed Associate Professor	MONNO, Yusuke	Image Processing, Computer Vision, Computational Imaging	Associate Prof. Monno belongs to a Collaborative Research Cluster with micware Co.,Ltd. Please make contact with the admission chair of the department in advance.	・Systems and Control Engineering
Professor	ISHII, Hideaki	Systems and Control, Control Over Networks		・Systems and Control Engineering
Professor	YAMAMURA, Masayuki	Artificial Intelligence, Systems / Synthetic Biology, Molecular Robotics, Artificial Life		・Systems and Control Engineering
Associate Professor	ONO, Isao	Evolutionary Computation, Reinforcement learning, Optimization		・Systems and Control Engineering
Professor	TAKINOUE, Masahiro	Molecular robot, DNA nanotechnology, DNA computer, Artificial cell, Syntheti biology, Biomicrofluidics, Biophysics, Wet experiments		・Systems and Control Engineering

(4) Dept. of Electrical and Electronic Engineering

Academic Supervisor		Research Field	Remarks	Graduate Major
Associate Professor	ITO, Hiroyuki	Low Power CMOS Circuits, Internet of Medical Things, IoT in Agriculture		・Electrical and Electronic Engineering
Professor	OKADA, Kenichi	Wireless Circuit Design, 5G/6G, Millimeter-Wave/Terahertz Communication, IoT, Analog/Digital Circuit Design		・Electrical and Electronic Engineering
Associate Professor	SHIRANE, Atsushi	Integrated Circuits, Wireless Communication, Wireless Power Transfer, Satellite Communication		・Electrical and Electronic Engineering
Professor	TOKUDA, Takashi	Microdevices and circuits for biomedical and IoT		・Human Centered Science and Biomedical Engineering ・Electrical and Electronic Engineering
Associate Professor	AOYAGI, Takahiro	Electromagnetic Compatibility (EMC)		・Electrical and Electronic Engineering
Associate Professor	AMEMIYA, Tomohiro	Photonics informatics, Integrated photonics, Photonic nanostructure		・Electrical and Electronic Engineering
Professor	UENOHARA, Hiroyuki	Optical Communications, Optical Signal Processing, Photonic Switching, Photonic Integration		・Electrical and Electronic Engineering
Professor	SAKAGUCHI, Kei	Wireless communications, 5G/6G, IoT, mmWave, Wireless power transmission, Connected car, Automated driving		・Electrical and Electronic Engineering
Associate Professor	TRAN, Gia Khanh	Gbps-class wireless backbone network, Radio resource management using AI, IoT networks employing drones		・Electrical and Electronic Engineering
Associate Professor	SHOJI, Yuya	Lightwave Circuits, Optical Communication		・Electrical and Electronic Engineering
Associate Professor	TABARU, Marie	Biomedical Engineering Measurement, Agricultural Engineering Measurement, Acoustic Engineering		・Human Centered Science and Biomedical Engineering ・Electrical and Electronic Engineering
Professor	NAKAGAWA, Shigeru	Semiconductor laser, Semiconductor vertical microcavity, Integrated photonics, Optical transmission		・Electrical and Electronic Engineering
Professor	NAKAMURA, Kentaro	Optical Sensing, Applied Acoustic Devices		・Human Centered Science and Biomedical Engineering ・Electrical and Electronic Engineering
Associate Professor	NISHIKATA, Atsuhiro	Electromagnetic Compatibility (EMC), Material Measurement, Auditory Information	indicates person who will retire in March, 2026.	・Electrical and Electronic Engineering
Professor	NISHIYAMA, Nobuhiko	Photonic Electronic Convergence Circuit, Semicondcutor Lasers, Ultra high-speed transceiver and Measurement System using Photonic Integrated Circuit		・Electrical and Electronic Engineering
Professor	HIROKAWA, Jiro	Millimeter-wave/Terahertz-wave planar antennas, Electromagnetic wave analysis		・Electrical and Electronic Engineering
Assistant Professor (Tenure Track)	TOMURA, Takashi	Satellite onboard antenna, wireless communication, large-scale electromagnetic analysis.		・Electrical and Electronic Engineering
Associate Professor	MIYAMOTO, Tomoyuki	Optical wireless power transmnission, Optical devices and functional modules		・Electrical and Electronic Engineering
Associate Professor	OHMI, Shun-ichiro	Semiconductor Devices		・Electrical and Electronic Engineering
Associate Professor	KAKUSHIMA, Kuniyuki	Nanoelectronics and MEMS		・Electrical and Electronic Engineering

Associate Professor	KODERA, Tetsuo	Quantum computing technology, Quantum Information devices, Nano quantum electronics		・Electrical and Electronic Engineering ・Energy Science and Informatics
Associate Professor	SUZUKI, Safumi	Terahertz Devices, Active Metamaterials, THz Wireless Communication, THz Radar System, THz 3D Imaging		・Electrical and Electronic Engineering
Associate Professor	IWASAKI, Takayuki	Diamond Quantum Sensor, Solid-state Quantum Emitter for Quantum Communication, Diamond Device		・Electrical and Electronic Engineering ・Energy Science and Informatics
Professor	MIYAMOTO, Yasuyuki	Compound Semiconductor Process/Devices	indicates person who will retire in March, 2026.	・Electrical and Electronic Engineering
Professor	WAKABAYASHI, Hitoshi	Semiconductor Devices, Nano-electronics, LSI		・Electrical and Electronic Engineering
Associate Professor	WATANABE, Masahiro	Quantum Devices, Hetero-epitaxial Engineering		・Electrical and Electronic Engineering
Associate Professor	ARAI, Keigo	Quantum Metrology, Quantum Sensing & Imaging, Quantum Information, Artificial Intelligence		・Electrical and Electronic Engineering
Associate Professor	IINO, Hiroaki	Organic Electronics, TFT, Imaging Devices		・Electrical and Electronic Engineering
Associate Professor	ITO, Haruhiko	Opto-Quantum Electronics		・Electrical and Electronic Engineering
Professor	KAJIKAWA, Kotaro	Plasmonics, Metamaterials, Nonlinear Optics		・Human Centered Science and Biomedical Engineering ・Electrical and Electronic Engineering
Associate Professor	SUGAHARA, Satoshi	Integrated Devices and Circuits		・Electrical and Electronic Engineering
Associate Professor	TOMA, Mana	Plasmonics and biosensors for mobile health		・Electrical and Electronic Engineering
Professor	NAKAGAWA, Shigeki	Spintronics, Information Storage Devices, Superconductive Spintronics	indicates person who will retire in March, 2026.	・Electrical and Electronic Engineering
Associate Professor	PHAM, Nam Hai	Semiconductor/metal spintronics, Ferromagnetic semiconductor, Topological insulator		・Electrical and Electronic Engineering
Professor	MANAKA, Takaaki	Organic and Polymer Electronics, Organic Devices, Nonlinear Optics		・Electrical and Electronic Engineering
Associate Professor	TAGUCHI, Dai	Dielectric physics, Organic electronics, Nonlinear Optics		・Electrical and Electronic Engineering
Associate Professor	MIYAJIMA, Shinsuke	Photovoltaic materials and devices		・Energy Science and Informatics ・Electrical and Electronic Engineering
Professor	YAMADA, Akira	Semiconductor Physics, Solar Cells, Compound Thin-Film Solar Cells		・Energy Science and Informatics ・Electrical and Electronic Engineering
Associate Professor	AKATSUKA, Hiroshi	Low-Temperature Plasma Chemistry and Physics		・Nuclear Engineering ・Electrical and Electronic Engineering
Associate Professor	OKINO, Akitoshi	Atmospheric Plasma Engineering, Spectrochemistry, Plasma Medicine		・Human Centered Science and Biomedical Engineering ・Electrical and Electronic Engineering
Assistant Professor (Tenure Track)	KAWABE, Kenichi	Power system engineering, Renewable energy sources		・Electrical and Electronic Engineering ・Energy Science and Informatics

Associate Professor	TAKEUCHI, Nozomi	Plasma Engineering, Electrostatics, High Voltage Engineering		・Electrical and Electronic Engineering ・Energy Science and Informatics
Professor	CHIBA, Akira	Electric Machine, Magnetic Suspension	indicates person who will retire in March, 2026.	・Electrical and Electronic Engineering ・Energy Science and Informatics
Associate Professor	KIYOTA, Kyohei	Electric　Machines, motor, generator, magnetic suspension		・Energy Science and Informatics ・Electrical and Electronic Engineering
Associate Professor	HAGIWARA, Makoto	Power Electronics, Smart Grid, Renewable Energy		・Energy Science and Informatics ・Electrical and Electronic Engineering
Professor	FUJITA, Hideaki	Power Electronics, Electrical Machinery		・Electrical and Electronic Engineering ・Energy Science and Informatics
Assistant Professor (Tenure Track)	SANO, Kenichiro	Power Electronics, High voltage dc transmission		・Electrical and Electronic Engineering ・Energy Science and Informatics
Specially Appointed Professor	FUJII, Teruya	5G and 6G cellular system, Network cooperated cellular system, HAPS mobile communication system, Massive antenna design		・Electrical and Electronic Engineering
Specially Appointed Professor	OMOTE, Hideki	5G and 6G cellular system, 5G and 6G mobile radio propagation, International standardization of mobile radio propagation		・Electrical and Electronic Engineering

(5) Dept. of Information and Communications Engineering

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	ISSHIKI, Tsuyoshi	System-LSI Design Methodology, Embedded Processor Design		・Information and Communications Engineering
Professor	UYEMATSU, Tomohiko	Information Theory, Coding Theory	Doctoral program only Retire in March 2025	・Information and Communications Engineering
Professor	OGATA, Wakaha	Modern Cryptography, Cryptographic Protocol, Provable Security	Doctoral program only	・Information and Communications Engineering
Professor	OKUMURA, Manabu	Natural Language Processing, Text Summarization, Text Mining, Sentiment Analysis		・Information and Communications Engineering
Associate Professor	OBI, Takashi	Medical Informatics, Madical Image Processing, Information Security, Secure System		・Information and Communications Engineering ・Human Centered Science and Biomedical Engineering
Associate Professor	KASAI, Kenta	Coding Theory, LDPC Codes, Spatially Coupled Codes	Doctoral program only	・Information and Communications Engineering
Professor	KANEKO, Hirohiko	Visual Information Processing, Human Space Perception, Eye Movements,Multimodal Sensory Interaction		・Human Centered Science and Biomedical Engineering ・Information and Communications Engineering
Professor	KUMAZAWA, Itsuo	Neural Networks, Cognitive Science, Image Processing, Image Encoding, Pattern Recognition, User Interfaces	Retire in March 2024	・Information and Communications Engineering
Professor	KOIKE, Yasuharu	Human Interface, Computational Neuroscience		・Human Centered Science and Biomedical Engineering ・Information and Communications Engineering
Associate Professor	SASAKI, Hiroshi	Computer Architecture, Computer Security, Computer Systems, Internet of Things (IoT), Workload Characterization		・Information and Communications Engineering
Visiting Professor	SATO, Imari	Computer Vision, Computer Graphics, Image-Based Modeling and Rendering, Machine Learning	Do not accept students this time.	・Information and Communications Engineering
Associate Professor	JITSUMATSU, Yutaka	Information Theory, Communication Systems, Information Security	Doctoral program only	・Information and Communications Engineering
Associate Professor	SHINOZAKI, Takahiro	Speech Understanding, Dialogue System, Reinforcement Learning, Machine Learning		・Information and Communications Engineering ・Human Centered Science and Biomedical Engineering
Professor	SUZUKI, Kenji	Deep learning, Machine Learning, Computer-aided Diagnosis, Biomedical Image Understanding, Artificial Intelligence.		・Human Centered Science and Biomedical Engineering ・Information and Communications Engineering
Professor	SLAVAKIS Konstantinos	Signal Processing, Machine Learning, Data Analytics		・Human Centered Science and Biomedical Engineering ・Information and Communications Engineering
Professor	TAKAGI, Shigetaka	Integrated Circuits, Circuit Theory	Doctoral program only Retire in March 2024	・Information and Communications Engineering
Professor	TAKAHASHI, Atsushi	VLSI CAD, Physical Design, Synchronous Circuits	Doctoral program only	・Information and Communications Engineering
Associate Professor	TABARU, Marie	Biomedical Engineering Measurement, Agricultural Engineering Measurement, Acoustic Engineering		・Information and Communications Engineering
Associate Professor	NAGAI, Takehiro	Color Science and Technology、Material Perception Science、Visual Psychophysics		・Human Centered Science and Biomedical Engineering ・Information and Communications Engineering
Associate Professor	NAKATANI, Momoko	Human Computer Interaction, Service Design, Communication Enhancement, Well-being		・Engineering Sciences and Design
Associate Professor	NAKAHARA, Hiroki	Reconfigurable Computing,High-Performance Computing,FPGA, Machine Learning		・Information and Communications Engineering
Professor	NAKAMOTO, Takamichi	Human Interface, Olfactory Display, Odor Sensing System, Sensor Information Processing	Retire in March 2025	・Information and Communications Engineering
Professor	NAKAYAMA, Minoru	Human Factors, Visual Perception, Language Processing, Educational System Evaluation, Educational Technology	Doctoral program only Retire in March 2025	・Information and Communications Engineering
Associate Professor	NISHIO, Takayuki	Wireless Networks, Application of Machine Learning, Federated Learnimg, Ambient Sensing, Multi-modal System, Resource Coordination		・Information and Communications Engineering
Associate Professor	HASEGAWA, Shoichi	Virtual Reality, Physics Engine, Haptics, Character motion, Interaction		・Information and Communications Engineering ・Engineering Sciences and Design
Associate Professor	HARA, Yuko	Low-Energy Embedded Systems, Internet of Things (IoT), Hardware/Software Co-design		・Information and Communications Engineering

Professor	FUKAWA, Kazuhiko	Wireless Communications, Wireless Communication Networks, Intelligent Signal Processing, Adaptive Filter Theory		・Information and Communications Engineering
Associate Professor	FUNAKOSHI, Kotaro	Natural Language Processing, Multimodal Dialogue System, Human-Machine Interaction		・Information and Communications Engineering
Professor	MATSUMOTO, Ryutaroh	Quantum Information, Error-Correcting Code, Information Theory,	Doctoral program only	・Information and Communications Engineering
Professor	YAMAOKA, Katsunori	Information and Communication Network	Doctoral program only	・Information and Communications Engineering
Professor	YAMAGUCHI, Masahiro	Optical Imaging and Display, Spectral Imaging, Pathology Image Analysis, Holography		・Human Centered Science and Biomedical Engineering ・Information and Communications Engineering
Professor	YAMADA, Isao	Signal Processing, Optimization, Inverse Problems, Machine Learning	Doctoral program only	・Information and Communications Engineering
Associate Professor	WATANABE, Yoshihiro	Computer Vision, Augmented Reality, Digital Archiving, Human-computer Interaction		・Information and Communications Engineering

(6) Dept. of Industrial Engineering and Economics

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	ICHISE, Ryutaro	Artificial Intelligence, Machine Learning, Semantic Web, Data Mining		・Industrial Engineering and Economics
Professor	INOUE, Kotaro	Corporate Finance, Corporate Governance		・Industrial Engineering and Economics
Professor	UMEMURO, Hiroyuki	Affect and Emotion, Gerontechnology, Human Factors		・Industrial Engineering and Economics
Professor	SHIOURA, Akiyoshi	Discrete Optimization, Operations Research, Algorithm Theory		・Industrial Engineering and Economics
Professor	SENOO, Dai	Knowledge Management, Leadership		・Industrial Engineering and Economics ・Engineering Sciences and Design
Professor	NAKATA, Kazuhide	Operations Research, Continuous Optimization, Machine Learning		・Industrial Engineering and Economics
Professor	MATSUI, Tomomi	Optimization Theory, Combinatorics, Operations Research		・Industrial Engineering and Economics
Professor	YAMATO, Takehiko	Microeconomic Theory, Experimental Economics		・Industrial Engineering and Economics
Associate Professor	AOKI, Hirotaka	Human Factors and Ergonomics, Industrial Engineering		・Industrial Engineering and Economics
Associate Professor	UOZUMI, Ryuji	Biostatistics, Applied Statistics, Medical Research, Data Science		・Industrial Engineering and Economics
Associate Professor	OGASAWARA, Kota	Cliometrics, Health Economics		・Industrial Engineering and Economics
Associate Professor	KAWASAKI, Ryo	Mathematical Economics, Game Theory		・Industrial Engineering and Economics
Associate Professor	GU, Xiuzhu	Healthcare management, Safety engineering, Human factors		・Industrial Engineering and Economics
Associate Professor	SEABORN Katie	Human-Computer Interaction, Inclusive Design, Game UX		・Industrial Engineering and Economics ・Engineering Sciences and Design
Associate Professor	CHUNG, Sulin	Marketing, Retailing		・Industrial Engineering and Economics
Associate Professor	NAGATA, Kyoko	Financial Reporting, Company Analysis, Corporate Governance		・Industrial Engineering and Economics
Associate Professor	FUKUDA, Emiko	Industrial Economics, Game Theory		・Industrial Engineering and Economics
Associate Professor	HORI, Takeo	Dynamic Macroeconomics, Economic Growth		・Industrial Engineering and Economics
Visiting Professor	MASUI, Toshihiko	Environmental Economic Modeling	Supporting supervisor	・Industrial Engineering and Economics
Visiting Associate Professor	KANAMORI, Yuko	Environmental Economic Modeling	Supporting supervisor	・Industrial Engineering and Economics

School of Materials and Chemical Technology

(7) Dept. of Materials Science and Engineering

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	IKOMA, Toshiyuki	Bioceramics, Biosensing, Nanomedicine, Tissue Engineering		・Human Centered Science and Biomedical Engineering ・Materials Science and Engineering
Professor	INAMURA, Tomonari	Martensitic Transformation, Kink Deformation, Geometry of Microstructure		・Materials Science and Engineering ・Energy Science and Informatics
Professor	OUGIZAWA, Toshiaki	Physical Chemistry of Polymeric Materials	indicates person who will retire in March, 2026.	・Materials Science and Engineering
Professor	KAWAJI, Hitoshi	Physical Chemistry of Materials, Phase Transition	indicates person who will retire in March, 2026.	・Materials Science and Engineering
Professor	KIMURA, Yoshisato	Materials Design based on Phase Diagrams and Microstructure Control, Intermetallics, Thermoelectric Materials, Heat Resistant Alloys		・Energy Science and Informatics ・Materials Science and Engineering
Professor	KOBAYASHI, Yoshinao	Metal Refining and Recycling, Safety Metallurgy for Nuclear Reactors, Phase Stability, Degradation of Materials in Reactors, Waste Management		・Nuclear Engineering ・Materials Science and Engineering
Professor	SHI, Ji	Metallic Functional Materials, Nanoheterostructures, Magnetic Thin Films		・Energy Science and Informatics ・Materials Science and Engineering
Professor	SONE, Masato	Metallic Material Design for Medical Device and the Evaluation Methodology, Hybrid Materials for Wearable Device, High Sensitive Sensor Material		・Human Centered Science and Biomedical Engineering ・Materials Science and Engineering
Professor	TADA, Eiji	Materials Electrochemistry, Corrosion and Protection, Corrosion Monitoring and Simulation, Surface Treatment		・Materials Science and Engineering
Professor	NAKADA, Nobuo	Microstructure and Mechanical Properties of Iron and Steels		・Materials Science and Engineering
Professor	VACHA, Martin	Optical Properties of Organic Materials		・Materials Science and Engineering ・Energy Science and Informatics
Professor	HAYAKAWA, Teruaki	Polymer Synthesis, Polymer Thin Films, Self-Organizing Organic and Polymeric Materials		・Materials Science and Engineering
Professor	HAYASHI, Miyuki	Physicochemical Properties of Materials, High Temperature Process Control		・Energy Science and Informatics ・Materials Science and Engineering
Professor	FUJII, Toshiyuki	Mechanical Properties of Structural Materials, Crystallography and Crystal Defects, Electron Microscopy		・Materials Science and Engineering
Professor	HOSODA, Hideki	Materials Design, Shape Memory and Superelastic Alloys, Intermetallic Compounds, Smart Materials, Smart Composites, Biomaterials		・Materials Science and Engineering ・Human Centered Science and Biomedical Engineering ・Energy Science and Informatics
Professor	MAJIMA, Yutaka	Single Nanoscale Electronic Materials and Devices, Resonant Tunneling Transistor, Nanogap Gas Sensor, DNA Sequencer, Ferroelectric Memory, Nanostructure Induced L10-Ferromagnetic Nanowire		・Materials Science and Engineering
Professor	MATSUSHITA, Nobuhiro	Novel Material Processes for Energy and Environmental, Biomedical, Electronic Applications		・Materials Science and Engineering
Professor	MATSUMOTO, Hidetoshi	Polymer Physics, Physical Chemistry of Organic Materials, Polymer Membranes and Thin Films, Energy and Environmental Materials, Nanofibers and Nanomaterials		・Energy Science and Informatics ・Materials Science and Engineering
Professor	MICHINOBU, Tsuyoshi	Polymer Synthesis, Semiconducting Polymers, Biomass Polymers		・Materials Science and Engineering
Professor	MIYAUCHI, Masahiro	Photocatalysis, Artificial Photosynthesis, Green House Gas Conversion, Hydrogen Carrier, Chemical Synthesis of Nanoparticles		・Energy Science and Informatics ・Materials Science and Engineering

Professor	MORIKAWA, Junko	Polymer Processing, Thermal Properties of Polymers		・Materials Science and Engineering ・Human Centered Science and Biomedical Engineering
Professor	YOKOTA, Hiroko	Nonlinear optical microscopy, Local structural analysis, Evaluation of new functionalities at topological defects		・Materials Science and Engineering
Associate Professor	ASAI, Shigeo	Physical Properties of Organic Materials, Polymer Composites	indicates person who will retire in March, 2027.	・Materials Science and Engineering
Associate Professor	ISHIKAWA, Ken	Optical and Electrical Properties of Organic Materials	indicates person who will retire in March, 2024.	・Energy Science and Informatics
Associate Professor	UEDA, Mitsutoshi	High Temperature Oxidation of Heat Resistant Steels and Alloys Physical Chemistry at High Temperature		・Energy Science and Informatics ・Materials Science and Engineering
Associate Professor	KAWAMURA, Kenichi	Fuel Cells, Heat-resisting Alloys, Solid State Ionics, High Temperature Physical Chemistry, Electrochemistry		・Materials Science and Engineering
Associate Professor	KISHI, Tetsuo	optical materials, glass materials, optical devices, laser prrocess, adhesion science		・Materials Science and Engineering
Associate Professor	GOHDA, Yoshihiro	Electron Theory of Magnetic Materials, Heat-Resistant Alloys, and Nano-Interfaces		・Materials Science and Engineering
Associate Professor	KOBAYASHI, Equo	Non-ferrous Metals (Titanium, Aluminum, Magnesium, and Copper Alloys), Biomedical Materials, Composites, Phase Stability, Alloy Designing, Materials Characterization, and Standardization of Medical Equipmen	indicates person who will retire in March, 2028.	・Materials Science and Engineering ・Human Centered Science and Biomedical Engineering
Associate Professor	KOBAYASHI, Satoru	Heat resistant steels and alloys for energy and transportation, Microstructural control and design, Intermetallics, Creep, High temperature hydrogen d amage, Additive manufacturing		・Materials Science and Engineering
Associate Professor	SAGARA, Yoshimitsu	Organic Supramolecules, Stimuli-responsive Luminescent Materials, Mechanophore		・Materials Science and Engineering
Associate Professor	SANNOMIYA, Takumi	Nanophotonics, Plasmonic Materials, Nano Materials, Electron Microscopy, Cathodoluminescence		・Materials Science and Engineering ・Human Centered Science and Biomedical Engineering ・Energy Science and Informatics
Associate Professor	TAHARA, Masaki	Development of Functional Metallic Materials by Structural Phase Transition, Metallic Materials for Medical and Energy Applications, Metal 3D Printing		・Materials Science and Engineering ・Human Centered Science and Biomedical Engineering
Associate Professor	TSUGE, Takeharu	Biodegradable Plastics		・Materials Science and Engineering ・Human Centered Science and Biomedical Engineering
Associate Professor	TERADA, Yoshihiro	Microstructure Control and Mechanical Strength of High-Temperature Materials for Aerospace Applications, Alloy Development for Advanced Automobile Powertrain Applications		・Materials Science and Engineering
Associate Professor	NAKATSUJI, Kan	Surface and Interface Physics		・Materials Science and Engineering
Associate Professor	NABAE, Yuta	Organic and polymeric materials for catalysis, electrocatalysts for fuel cells, synthesis of aromatic polymers		・Energy Science and Informatics ・Materials Science and Engineering
Associate Professor	HAYASHI, Tomohiro	Nanobio science, Biointerface & Biomaterials, Materials Informatics		・Human Centered Science and Biomedical Engineering
Associate Professor	HAYAMIZU, Yuhei	Bio-interface, Nano Materials		・Materials Science and Engineering ・Human Centered Science and Biomedical Engineering
Associate Professor	MURAISHI, Shinji	Aluminum Alloys, Microstructure and Mechanical Properties, Upgrade Recycling, Dislocation Dynamics Simulation		・Materials Science and Engineering
Associate Professor	LEI, Xiao-Wen	Computational Materials Science, Function Design of Nanoscale Systems, Mathematical Science of Lattice Defect		・Materials Science and Engineering

Assistant Professor (Tenure Track)	Omagari, Shun	Functional Organic Materal, Functional Nanomaterial, Single-molecule Spectroscopy, Computational Chemistry		・Materials Science and Engineering
Assistant Professor (Tenure Track)	YASUI, Shintaro	Development of Emerging Functional Materials (Li-ion Battery, Energy Materials, Ferroelectrics, Piezoelectrics, Multiferroics)		・Nuclear Engineering ・Materials Science and Engineering
Assistant Professor (Tenure Track)	YAMAGUCHI, Akira	electrocatalysts, hydrothermal electrochemistry		・Energy Science and Informatics ・Materials Science and Engineering

(8) Dept. of Chemical Science and Engineering

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	ISHIZONE, Takashi	Polymer Synthesis, Living Polymerization		・Chemical Science and Engineering
Professor	OTSUKA, Hideyuki	Polymer Reactions, Smart Polymeric Materials, Polymer Synthesis		・Chemical Science and Engineering
Professor	SATOH, Kotaro	Polymer Synthesis,Precision Polymerization, Bio-Based Monomer		・Chemical Science and Engineering ・Energy Science and Informatics
Professor	TANAKA, Katsunori	Synthetic Organic Chemistry, Bioorganic Chemistry, Chemical Biology		・Human Centered Science and Biomedical Engineering ・Chemical Science and Engineering
Professor	TANAKA, Ken	Synthetic Organic Chemistry, Asymmetric Synthesis, Organometallic Chemistry		・Chemical Science and Engineering
Associate Professor	ITO, Shigekazu	Physical Organic Chemistry, Organic Synthesis, Main Group Chemistry, Muon Science		・Chemical Science and Engineering
Associate Professor	KONISHI, Gen-ichi	Polymer Synthesis, Photochemistry, Fluorescent Dye, Liquid Crystal, Organic Chemistry		・Chemical Science and Engineering
Associate Professor	SAITO, Reiko	Polymer Synthesis, Template Polymerization	Retirement at Mar. 2026	・Energy Science and Informatics ・Chemical Science and Engineering
Associate Professor	TANAKA, Hiroshi	Synthetic Organic Chemistry, Chemical Biology, Natural Product Chemistry		・Chemical Science and Engineering
Professor	ANDO, Shinji	Structure and Physical Properties of Functional Polymers in Solids, Polymer Spectroscopy and Characterization, Computational Polymer Chemistry	Retirement at Mar. 2026	・Chemical Science and Engineering
Professor	OKOCHI, Mina	Biochemical Engineering, Peptide Engineering, Biosensing, Biotechnology, Medical and Biological Engineering		・Chemical Science and Engineering ・Human Centered Science and Biomedical Engineering
Professor	OHTOMO, Akira	Inorganic Solid State Chemistry, Thin Film, Surface and Interface, Device Physics		・Chemical Science and Engineering
Professor	SERIZAWA, Takeshi	Biomacromolecular Chemistry, Biomaterials Science and Engineering, Molecular Assembly		・Chemical Science and Engineering
Professor	TSUKAHARA, Takehiko	Analytical Chemistry, Radiation Chemistry, Environmental Science, Organic-inorganic hybrid material, Micro-Nano Chemistry, Radioactive Waste Management, Nuclear Fuel Cycle		・Nuclear Engineering
Professor	TOKITA, Masatoshi	Polymer Structures and Properties, Liquid Crystals, Polymer Brushes		・Chemical Science and Engineering
Professor	NAKAJIMA, Ken	Polymer Physics, Rubber Industry, Atomic Force Microscopy		・Chemical Science and Engineering
Professor	MURAHASHI, Tetsuro	Synthetic Inorganic and Organometallic Chemistry, Coordination Chemistry		・Chemical Science and Engineering
Associate Professor	ISHIGE, Ryohei	Structural analysis of polymers, thin film, synchrotron X-ray, vibrational spectroscopy, liquid crystal		・Chemical Science and Engineering
Associate Professor	SAWADA, Toshiki	Biomacromoleculer Science, Bioorganic Chemisgtry, Biotechnology, Biofunctional Materials		・Chemical Science and Engineering
Associate Professor	TAKAO, Koichiro	Actinide Chemistry, Coordination Chemistry, Nuclear Fuel Cycle, Fuel Reprocessing, Radioactive Wastes, Decontamination		・Nuclear Engineering ・Chemical Science and Engineering
Associate Professor	TAKAO, Toshiro	Organometallic Chemistry, Inorganic Chemistry		・Chemical Science and Engineering
Professor	IHARA, Manabu	Energy Conversion on Chemical Engineering, Electrochemistry, Fuel Cells, Solar Cells, Energy system		・Energy Science and Informatics ・Chemical Science and Engineering
Professor	KATO, Yukitaka	Zero-Carbon Energy Systems, Energy Storage & Conversion, Carbon Recycling Energy Systems, Chemical Heat Pump, Hydrogen Energy		・Nuclear Engineering ・Chemical Science and Engineering
Professor	KUBOUCHI, Masatoshi	Polymeric Materials for Chemical Plant, Epoxy Recycle, Green Composite, Smart Structure, Maintenance Engineering		・Chemical Science and Engineering
Professor	SHIMOYAMA, Yusuke	Molecular crystal & assembly, Pharmaceutical・cosmetic formulation, CO2 utlization, Machine-learning, Information & data technology		・Chemical Science and Engineering ・Energy Science and Informatics

Professor	SEKIGUCHI, Hidetoshi	Reactions in High Energy Density Media, Plasma Processing, Energy & Environmental Chemical Engineering		・Chemical Science and Engineering ・Energy Science and Informatics
Professor	TAGO, Teruoki	Chemical Reaction Engineering, Catalytic Reaction Engineering, Catalyst & Environmental Chemical Process, Porous Catalyst		・Chemical Science and Engineering ・Energy Science and Informatics
Professor	NAKAMURA, Ryuhei	Origin of life, Earth-life science, Electrocatalysis		・Chemical Science and Engineering
Professor	YAMANAKA, Ichiro	Catalysis, Electrocatalysis, Oxidation	Retirement at Mar. 2026	・Chemical Science and Engineering ・Energy Science and Informatics
Specially Appointed Professor	OOKAWARA, Shinichi	Microfluidic Transport Phenomena, CFD (Computational Fluid Dynamics), Microreactor		・Chemical Science and Engineering
Associate Professor	AOKI, Saiko	Tribology, Lubricating oil and additives, Surface Engineering, Affective Engineering		・Chemical Science and Engineering ・Energy Science and Informatics
Associate Professor	TANIGUCHI, Izumi	Aerosol Science and Technology, Powder Technology,Functional Material Processing, Energy Materials		・Chemical Science and Engineering ・Energy Science and Informatics
Associate Professor	HARADA, Takuya	Carbon Capture & Utilization, Inorganic Materials, Chemical Pprocess Engineering, Low-carbon Energy System, Nuclear Energy		・Nuclear Engineering ・Chemical Science and Engineering
Associate Professor	FUCHINO, Tetsuo	Process Systems Engineering, Product Management		・Chemical Science and Engineering
Associate Professor	MATSUMOTO, Hideyuki	Process Systems Engineering, Process Intensification, Nitrogen Cycle, Process Information, Renewable Energy		・Chemical Science and Engineering ・Energy Science and Informatics
Associate Professor	MANZHOS, Sergei	Materials modeling, machine learning, energy conversion and storage		・Energy Science and Informatics ・Chemical Science and Engineering
Associate Professor	MORI, Shinsuke	Plasma Processing, Heat Transfer		・Chemical Science and Engineering ・Energy Science and Informatics
Associate Professor	YOSHIKAWA, Shiro	Fluid Dynamics, Transport Phenomena		・Chemical Science and Engineering
Professor	INAGI, Shinsuke	Organic Electrochemistry, Polymer Chemistry		・Energy Science and Informatics ・Chemical Science and Engineering
Professor	TOMITA, Ikuyoshi	Polymer Synthetic Chemistry		・Chemical Science and Engineering ・Energy Science and Informatics
Professor	FUKUSHIMA, Takanori	Organic Functional Materials, Nanomaterials, π-Electronic Systems, Molecular Assembly		・Chemical Science and Engineering
Professor	YOSHIZAWA, Michito	Supramolecular Chemistry, Synthetic Chemistry, Nanospace, Water, Photofunction, Biosensor		・Chemical Science and Engineering
Associate Professor	SAWADA, Tomohisa	Supramolecular Chemistry, Organic Chemistry, Coordination Chemistry, Self-Assembly, Peptide, Topology		・Chemical Science and Engineering
Associate Professor	SHOJI, Yoshiaki	Functional π-Conjugated Molecules and Polymers, Highly Reactive Main-Group Species		・Chemical Science and Engineering
Associate Professor	NAKAZONO, Kazuko	Polymer synthesis, Supramolecular Chemistry		・Energy Science and Informatics ・Chemical Science and Engineering
Professor	SHISHIDO, Atsushi	Polymer Physical Chemistry, Liquid Crystals, Optical Function, Mechanical Function		・Chemical Science and Engineering ・Energy Science and Informatics
Professor	YAMAMOTO, Kimihisa	Nano-materials Chemistry, Metallochemistry, Macromolecular Science		・Chemical Science and Engineering
Associate Professor	IMAOKA, Takane	π-Conjugating Molecular Chemistry, Electron Transfer Chemistry, Nanomaterial Science		・Chemical Science and Engineering
Associate Professor	KUBO, Shoichi	Polymer Chemistry, Materials Chemistcy		・Chemical Science and Engineering ・Energy Science and Informatics
Associate Professor	TANAKA, Masayoshi	Biomolecular Chemistry, Protein Engineering, Applied Microbiology, Multi-Omics Science, Medical and Biological Engineering		・Human Centered Science and Biomedical Engineering ・Chemical Science and Engineering
Professor	ARAI, Hajime	Secondary battery, Metal-air battery, Electrochemistry, Operando (In situ) analysis		・Energy Science and Informatics ・Chemical Science and Engineering
Professor	HIRAYAMA, Masaaki	Energy Conversion Materials, Inorganic and Solid State Chemistry, Electrochemical Interface Design		・Energy Science and Engineering ・Chemical Science and Engineering
Professor	YAMAGUCHI, Takeo	Water Electrolysis and Fuel Cell Engineering, Bio-inspired Materials, Membrane Science and Engineering		・Chemical Science and Engineering ・Energy Science and Engineering

Associate Professor	KUROKI, Hidenori	Materials and Devices for Energy Conversion, Nanostructured Materials, Electrocatalysts, Functionalized Membranes		・Chemical Science and Engineering
Associate Professor	SUZUKI, Kota	Solid State Chemistry, Energy Convertion Materials, Novel Energy Storage Device, and Material Seaerch by Machiene Learning		・Energy Science and Informatics ・Chemical Science and Engineering
Associate Professor	TOYODA, Sakae	Environmental Chemistry, Material Cycle Analysis		・Chemical Science and Engineering ・Energy Science and Informatics
Associate Professor	YAMADA, Keita	Organic Geochemistry, Isotope Chemistry		・Chemical Science and Engineering ・Energy Science and Informatics
Associate Professor	YOKOI, Toshiyuki	Catalytic Chemistry, Nanospace Catalysts, Zeolite Science, Green Chemistry		・Chemical Science and Engineering
Associate Professor	WADA, Hiroyuki	Optical Materials, Nanoparticles, Solar cell, Optical thin film		・Energy Science and Informatics ・Human Centered Science and Biomedical Engineering ・Chemical Science and Engineering

School of Computing

(9) Dept. of Mathematical and Computing Science

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	ARAI, Zin	Dynamical Systems, Computational Topology		・Mathematical and Computing Science
Professor	UMEHARA, Masaaki	Differential Geometry		・Mathematical and Computing Science
Professor	ENDO, Toshio	High-Performance Computing, Supercomputers, Parallel Software, GPU Computing	GSIC	・Mathematical and Computing Science
Associate Professor	KASHIMA, Ryo	Mathematical Logic, Non-Classical Logics		・Mathematical and Computing Science
Professor	KANAMORI, Takafumi	Mathematical Statistics, Machine Learning		・Mathematical and Computing Science
Associate Professor	SAKAMOTO, Ryuichi	Computer Architecture, System Software, Low Power System, High Performance Computing		・Mathematical and Computing Science
Associate Professor	SUZUKI, Sakie	Knot Theory, Quantum Topology		・Mathematical and Computing Science
Associate Professor	SUMITA, Hanna	Combinatorial Optimization, Discrete Structure, Algorithms		・Mathematical and Computing Science
Assistant Professor (Tenure Track)	CONG, Youyou	Programming Languages, Programming Education		・Mathematical and Computing Science
Associate Professor	TAKABE, Satoshi	Statistical Physics, Signal Processing, Machine Learning, Optimization		・Mathematical and Computing Science
Professor	TANAKA, Keisuke	Cryprocurrency and Blookchain Technology, Cybersecurity, Theory of Cryptography		・Mathematical and Computing Science
Associate Professor (Lecturer)	TSUCHIOKA, Shunsuke	Quantum Algebra, Representation Theory		・Mathematical and Computing Science
Associate Professor	NAKANO, Yumiharu	Stochastic Differential Equations, Stochastic Control		・Mathematical and Computing Science
Professor	NISHIBATA, Shinya	Theory of Partial Differential Equations		・Mathematical and Computing Science
Professor	MASUHARA, Hidehiko	Programming Languages, Software Development Environment		・Mathematical and Computing Science
Professor	MATSUURA, Satoshi	Cybersecurity, Cyber Resilience, Incident Response Technology	GSIC	・Mathematical and Computing Science
Professor	MINAMIDE, Yasuhiko	Software Verification, Programming Languages		・Mathematical and Computing Science
Professor	MIYOSHI, Naoto	Applied Probability, Stochastic Models, Theory of Point Processes, Queueing Theory		・Mathematical and Computing Science
Associate Professor	YASUNAGA, Kenji	Cryptography, Coding Theory, Theory of Computing		・Mathematical and Computing Science
Professor	YAMASHITA, Makoto	Mathematical Optimization, Continuous Optimization, Numerical Optimization		・Mathematical and Computing Science
Associate Professor	YOKOI, Yu	Discrete Optimization, Algorithmic Game Theory		・Mathematical and Computing Science
Associate Professor	WAKITA, Ken	Information Visualization, Visual Analytics System, Data Analysis		・Mathematical and Computing Science

School of Life Science and Technology

(10) Dept. of Life Science and Technology

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	ISHII, Yoshitaka	Physical Chemistry, Structural Biology, Alzheimer's Disease		・Life Science and Technology
Professor	ITOH, Takehiko	Bioinformatics		・Life Science and Technology
Professor	UENO, Takafumi	Bioinorganic Chemistry, Biophysical Chemistry, Biosupramolecular Chemistry		・Life Science and Technology
Professor	OSAKABE, Yuriko	Plant Molecular Biology, Plant Molecular Physiology, Genetic Engineering, Genome Editing		・Life Science and Technology
Professor	KAMACHI, Toshiaki	Bioinorganic Chemistry, Cellular Imaging of Oxygen		・Life Science and Technology ・Human Centered Science and Biomedical Engineering
Professor	KAMIYA, Mako	Chemical Biology		・Life Science and Technology
Professor	KAWAI, Kiyohiko	Bioorganic Chemistry, Photochemistry, Nucleic Acid Chemistry, Single Molecule Analysis and Diagnosis (Pathological diagnosis)		・Life Science and Technology
Professor	KITAO, Akio	Computational Biology, Biophysics, Computational Chemistry, Protein Dynamics		・Life Science and Technology
Professor	KIMURA, Hiroshi	Epigenetics and Cell Biology		・Life Science and Technology
Professor	KINBARA, Kazushi	Bioinspired Synthetic Chemistry		・Life Science and Technology
Professor	KUME, Shoen	Stem Cell Biology, Regenerative Medicine		・Life Science and Technology
Professor	KOMADA, Masayuki	Biochemistry and Cell Biology, Growth Factor Signaling, Membrane Trafficking, Tumor Biology		・Life Science and Technology
Professor	SEIO, Kohji	Bioorganic Chemistry		・Life Science and Technology ・Human Centered Science and Biomedical Engineering
Professor	TAGUCHI, Hideki	Protein science, Biochemistry, Protein Folding, Chaperone, Ribosome, Amyloid/Prion		・Life Science and Technology
Professor	TANAKA, Mikiko	Developmental Biology		・Life Science and Technology
Professor	HAYASHI, Nobuhiro	Molecular Biology and Proteomics		・Life Science and Technology ・Human Centered Science and Biomedical Engineering
Professor	HIROTA, Junji	Molecular Neuroscience		・Life Science and Technology
Professor	FUKUI, Toshiaki	Genetic Engineering, Metabolic Engineering, Extremophiles		・Life Science and Technology
Professor	HONGOH, Yuichi	Molecular Microbial Ecology, Symbiosis		・Life Science and Technology
Professor	MASUDA, Shinji	Plant Molecular Biology and Photobiology		・Life Science and Technology
Professor	MURAKAMI, Satoshi	Structural Biology, Protein Crystallography		・Life Science and Technology
Professor	YASUI, Takao	Quantum life science, bioanalytical chemistry, nanospace chemistry, nanobiodevices, liquid biopsy		・Life Science and Technology

Professor	YAMAGUCHI, Yuki	Control of Gene Expression, Epigenetics, RNA Processing, Drug Discovery		・Life Science and Technology
Professor	YUASA, Hideya	Bioorganic Chemistry		・Life Science and Technology ・Human Centered Science and Biomedical Engineering
Associate Professor	AIZAWA, Yasunori	Cellular Genomics		・Life Science and Technology
Associate Professor	OHKUBO, Akihiro	Bioorganic Chemistry		・Life Science and Technology ・Human Centered Science and Biomedical Engineering
Associate Professor	KATO, Akira	Epithelial Transport, Animal Physiology		・Life Science and Technology
Associate Professor	SHIMOJIMA, Mie	Plant Molecular Biology and Biochemistry		・Life Science and Technology
Associate Professor	SHIRAKI, Nobuaki	Stem Cell Biology		・Life Science and Technology
Associate Professor	SUZUKI, Takashi	Molecular Neurobiology		・Life Science and Technology
Associate Professor	TAGAWA, Yoh-ichi	Developmental Engineering, Molecular Biology, Artificial Organ, Immunology		・Life Science and Technology
Associate Professor	TSUTSUMI, Hiroshi	Chemical Biology		・Life Science and Technology
Associate Professor	NAKAMURA, Nobuhiro	Molecular and Cellular Biology, Vascular Biology, Receptor-mediated signal transduction, Ubiquitination, Intracellular Trafficking		・Life Science and Technology
Associate Professor	NIKAIDO, Masato	Molecular Evolutionary Biology		・Life Science and Technology
Associate Professor	NOZAWA, Kayo	Genome foldings, Transcriptional regulation, Subnucleosome, Biochemical analysis, Structural biology, Cryo-EM, The development of affinity grid for cryo-EM, In-vitro reconstitution of high-order genome architectures		・Life Science and Technology
Associate Professor	NONOMURA, Keiko	Mechanosensing, PIEZO channel, Sensory neuron, Cerebrospinal fluid, Lymphatic vessel, live imaging, Mechanobiology, Developmental biology		・Life Science and Technology
Associate Professor	HATA, Takeshi	Organic Synthesis, Asymmetric Synthesis		・Life Science and Technology
Associate Professor	HIRASAWA, Takashi	Applied Microbiology and Metabolic Engineering		・Life Science and Technology
Associate Professor	FUJIE, Toshinori	Biomaterials, Polymer Science, Tissue Engineering, Bioelectronics		・Life Science and Technology ・Human Centered Science and Biomedical Engineering
Associate Professor	FUJITA, Naonobu	Cell and Developmental Biology		・Life Science and Technology
Associate Professor	MATSUDA, Tomoko	Bioorganic Chemistry, Biocatalysis, Green Chemistry		・Life Science and Technology
Associate Professor	MIE, Masayasu	Protein Engineering, Tissue Engineering, Biosensing		・Life Science and Technology ・Human Centered Science and Biomedical Engineering
Associate Professor	YATSUNAMI, Rie	Extemophile, Extemozyme, Protein Engineering, Directed Evolution, Metabolic Engineering,		・Life Science and Technology
Associate Professor	YAMADA, Takuji	Genome Science and Bioinformatics		・Life Science and Technology
Associate Professor (Lecturer)	ASAKURA, Noriyuki	Bioinorganic Chemistry, Biological Electron Transfer		・Life Science and Technology

Associate Professor (Lecturer)	KONDO, Toru	Biophysics, Microspectroscopy, Quantum biology, Biophotophysics, Single-protein spectroscopy, Photosynthesis, Life-earth coevolution		・Life Science and Technology ・Human Centered Science and Biomedical Engineering
Professor	KAJIWARA, Susumu	Microbial Infection, Immune Response, Biotechnology, Genome Editing		・Human Centered Science and Biomedical Engineering ・Life Science and Technology
Professor	KURODA, Kumi	Neuroscience of social behavior, Parental care, Infant development and attachment, Neuropsychobiology		・Human Centered Science and Biomedical Engineering ・Life Science and Technology
Professor	KOSHIKAWA, Naohiko	Tumor biology, Tumor diagnostics, Clinical proteomics		・Human Centered Science and Biomedical Engineering ・Life Science and Technology
Professor	TANAKA, Kan	Evolutional Cell Biology, Cell Cycle, Signal Transduction, Stress Response, Microbiology, Metabolic Regulation, Symbiosis, Organelle, Chloroplast, Mitochondria, Transcriptional		・Human Centered Science and Biomedical Engineering ・Life Science and Technology
Professor	NAKATOGAWA, Hitoshi	Molecular Cell Biology and Biochemistry		・Human Centered Science and Biomedical Engineering ・Life Science and Technology
Professor	NAKAMURA, Hiroyuki	Organic Synthesis, Medicinal Chemistry, Chemical Biology		・Human Centered Science and Biomedical Engineering ・Life Science and Technology
Professor	NISHIYAMA, Nobuhiro	Drug Delivery System, Biomaterials Science		・Human Centered Science and Biomedical Engineering ・Life Science and Technology
Associate Professor	URIU, Koichiro	Mathematical Biology, Mathematical Developmental Biology, Mathematical Chronobiology		・Human Centered Science and Biomedical Engineering ・Life Science and Technology
Associate Professor	OKADA, Satoshi	Molecular imaging, Chemical biology, Nanotechnology		・Human Centered Science and Biomedical Engineering ・Life Science and Technology
Associate Professor	OGURA, Shun-ichiro	Molecular Biology, Alternative Therapy for Tumor, Biometabolic Engineering, Biomarker		・Human Centered Science and Biomedical Engineering ・Life Science and Technology
Associate Professor	ORIHARA, Kanami	Immunology, Allergic diseases, Infectious diseases, Circadian rhythm, Preventive medicine		・Human Centered Science and Biomedical Engineering ・Life Science and Technology
Associate Professor	KADONOSONO, Tetsuya	Drug Discovery Science, Medicinal Protein Engineering, Tumor Biology		・Human Centered Science and Biomedical Engineering ・Life Science and Technology
Associate Professor	KITAGUCHI, Tetsuya	Bioimaging, Protein Engineering, Biosensors		・Human Centered Science and Biomedical Engineering ・Life Science and Technology
Associate Professor	MIURA, Yutaka	Polymer synthesis,Drug Delivery System, Biomaterials Science		・Human Centered Science and Biomedical Engineering ・Life Science and Technology
Associate Professor	MORI, Toshiaki	Bioorganic Chemistry, Polymer Chemistry		・Human Centered Science and Biomedical Engineering ・Life Science and Technology
Associate Professor	YOSHIDA, Keisuke	Plant Biochemistry, Plant Physiology, Photosynthesis, Environmental Acclimation		・Human Centered Science and Biomedical Engineering ・Life Science and Technology
Professor	MATSUURA, Tomoaki	Directed evolution, synthetic biology, cell-free science, biotechnology		・Life Science and Technology
Associate Professor	FUJISHIMA, Kosuke	Origins of life, Astrobiology, Synthetic biology, Directed evolution, RNA, peptide, Chemical evolution		・Life Science and Technology
Associate Professor	McGLYNN, Shawn	Origins of life, Enzyme evolution, prebiotic chemistry, microbial ecology, stable isotope fractionation, geomicrobiology		・Life Science and Technology
Professor	TAKINOUE, Masahiro	Artificial cell engineering, Molecular computing, DNA nanotechnology, Molecular Robotics, Biophysics, Synthetic biology		・Life Science and Technology
Professor	YANAGIDA, Yasuko	Bio-MEMS/NEMS, Biosensing, Biofunctional Engineering		・Human Centered Science and Biomedical Engineering

School of Environment and Society

(11) Dept. of Civil and Environmental Engineering

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	IWANAMI, Mitsuyasu	Infrastructure Management, Marine Structure Engineering		・Civil Engineering
Professor	KANAE, Shinjiro	Hydrology, Hydrologic Cycle, Water Resources		・Civil Engineering
Professor	SASAKI, Ei-ichi	Bridge Engineering & Structural Engineering		・Civil Engineering ・Engineering Sciences and Design
Professor	TAKAHASHI, Akihiro	Geotechnical Engineering		・Civil Engineering
Professor	TAKAYAMA, Yuki	Urban and Regional Economics, Regional Science		・Civil Engineering
Professor	YOSHIMURA, Chihiro	Water Environmental Engineering, Environmental Photochemistry, Applied Aquatic Ecology		・Civil Engineering
Associate Professor	UTSUMI, Nobuyuki	Hydrometeorology, Climate Change, Satellite Remote Sensing		・Civil Engineering
Associate Professor	SAWADA, Mai	Geotechnical Engineering, Unsaturated Soil Mechanics, Conservation of Historic Sites		・Civil Engineering
Associate Professor	SEO, Toru	Transportation Research, Traffic Flow Theory, Data Science		・Civil Engineering ・Urban Design and Built Environment
Associate Professor	CHIJIWA, Nobuhiro	Structural Concrete, Multi-Scale Dynamics of Concrete, Maintenance of Infrastructure		・Civil Engineering
Associate Professor	FUJII, Manabu	Water and Environmental Engineering, Sustainable Development, Water Chemistry		・Civil Engineering
Associate Professor	MARUYAMA, Taizo	Applied Mechanics, Computaional Mechanics, Nondestructive Evalutaion		・Civil Engineering
Professor	SANADA, Junko	Rural Landscape and Rural Development, Value and Technology Transfer of Dry Stone Walling		・Urban Design and Built Environment
Professor	MUROMACHI, Yasunori	Transport and the Environment, Travel Behavior		・Urban Design and Built Environment ・Civil Engineering
Professor	MORIKAWA, Hitoshi	Earthquake Engineering		・Urban Design and Built Environment
Professor	DOHI, Masato	Community Planning and Design		・Urban Design and Built Environment
Professor	MATSUOKA, Masashi	Remote Sensing and Geoinformatics for Disaster Management		・Urban Design and Built Environment
Associate Professor	SAKAMURA, Kei	City Planning, Community Design, Authenticity, Local Resource Management		・Urban Design and Built Environment
Associate Professor	MANO, Yosuke	Urban Planning		・Urban Design and Built Environment
Professor	KANDA, Manabu	Regional Atmospheric Environment		・Civil Engineering
Professor	KINOUCHI, Tsuyoshi	Watershed Hydrology, Environmental Hydrology		・Civil Engineering
Professor	HANAOKA, Shinya	Transport Development Studies, Logistics, Air Transport		・Civil Engineering
Associate Professor	NAKAMURA, Takashi　A （中村 恭志）	Computational Environmental Fluid Dynamics, Computational Scheme, Multi Physics Simulation		・Civil Engineering
Associate Professor	NAKAMURA, Takashi　B （中村 隆志）	Coastal Ecosystem Modeling Biogeochemistry		・Civil Engineering
Associate Professor	VARQUEZ, Alvin Chrostppher Galang	Global Urban Climatology, Urban-scale Climate Change, Numerical Weather Prediction, GIS-based Dataset Construction		・Civil Engineering

(12) Dept. of Transdisciplinary Science and Engineering

Academic Supervisor		Research Field	Remark	Graduate Major
Professor	ABE, Naoya	Environmental and Social Sustainability, Water-Food-Energy insecurity, Applied Economics, International Development		・Global Engineering for Development, Environment and Society
Professor	KASAI, Yasuko Jessica	Space industry creation by lunar and planetary resource exploration with remote sensing, Creating new value through global environment remote sensing from space and AI data analysis	Appointed in May 2023	・Global Engineering for Development, Environment and Society
Professor	KANDA, Manabu	Regional Atmospheric Environment		・Global Engineering for Development, Environment and Society
Professor	KINOUCHI, Tsuyoshi	Watershed Hydrology, Water Resources Engineering		・Global Engineering for Development, Environment and Society
Professor	TAKAGI, Hiroshi	Coastal Disaster Mitigation		・Global Engineering for Development, Environment and Society
Professor	TAKADA, Jun-ichi	Wireless Communications, Applied Radio Measurement and Sensing, ICT and Development		・Global Engineering for Development, Environment and Society
Professor	TAKAHASHI, Kunio	Mechanical Engineering, Mechanics, Material Science, Material Processing		・Global Engineering for Development, Environment and Society ・Energy Science and Informatics
Professor	NOHARA, Kayoko	Translation Studies, Linguistics, Science Communication, Science and Art		・Global Engineering for Development, Environment and Society ・Engineering Sciences and Design
Professor	HANAOKA, Shinya	Transport Development Studies, Logistics, Air Transport		・Global Engineering for Development, Environment and Society
Professor	MURAKAMI Yoichi	Energy & Environmental Engineering, Nanomaterials, Materials Development for CO2 Adsorbents and All-Solid Batteries, Forced-Flow Thermoelectrics, Photon Upconversion		・Global Engineering for Development, Environment and Society ・Nuclear Engineering
Professor	MURAYAMA, Takehiko	Environmental Policy & Planning, Risk Assessment & Management, Risk Communication, Environmental Impact Assessment, Policy Dialogue, Social Decision-Making		・Global Engineering for Development, Environment and Society
Associate Professor	AKITA, Daisuke	Aerospace System, High-Speed Aerodynamics		・Global Engineering for Development, Environment and Society ・Energy Science and Informatics
Associate Professor	EGASHIRA, Ryuichi	Chemical Engineering, Separation Engineering, Process Engineering, Solvent Extraction, Adsorption/Water Treatment,Bioenergy, Metal Extraction, Petroleum Refining		・Global Engineering for Development, Environment and Society
Associate Professor	TAKASU, Hiroki	Energy storage and conversion, Carbon neutral, Electrochemical CO2 reduction, Hydrogen membrane, Ammonia storage, Functional materials for energy, Nuclear energy utilization		・Global Engineering for Development, Environment and Society ・Nuclear Engineering
Associate Professor	TAKAHASHI, Fumitake	Waste management, Waste recycle, Environmental risk assessment, Human behavior and psychological analysis on waste management		・Global Engineering for Development, Environment and Society
Associate Professor	TOKIMATSU, Koji	Energy Technology, Resource Supply and Demand, Environmental and Resource Economics,Sustainable Development		・Global Engineering for Development, Environment and Society ・Energy Science and Informatics
Associate Professor	NAKAMURA, Takashi A （中村 恭志）	Computational Environmental Fluid Dynamics, Computational Scheme, Multi Physics Simulation		・Global Engineering for Development, Environment and Society
Associate Professor	NAKAMURA, Takashi B （中村 隆志）	Coastal Ecosystem Modeling, Biogeochemistry		・Global Engineering for Development, Environment and Society
Associate Professor	NISHIKIZAWA, Shigeo	Environmental Policy and Planning, Public Participation, Environmental Impact Assessment		・Global Engineering for Development, Environment and Society
Associate Professor	VARQUEZ, Alvin Christopher Galang	Global Urban Climatology, Urban-scale Climate Change, Numerical Weather Prediction, GIS-based Dataset Construction		・Global Engineering for Development, Environment and Society
Professor	KANAE, Shinjiro	Hydrology, Hydrologic cycle, Water resources		・Global Engineering for Development, Environment and Society

Professor	YOSHIMURA, Chihiro	Water Quality Engineering, Aquatic Ecology, Biogeochemistry		・Global Engineering for Development, Environment and Society
Associate Professor	AOYAGI, Takahiro	Electromagnetic Compatibility (EMC), Wave Propagation, Educational Technology		・Global Engineering for Development, Environment and Society
Professor	OBARA, Toru	Reactor Physics, Nuclear Reactor Design, Passive Safe Reactor, Nuclear Safety		・Nuclear Engineering
Professor	HAYASHIZAKI, Noriyosu	Accelerator Physics and Engineering, Medical Accelerator, Accelerator Driven Neutron Source, Security of Radioactive Sources		・Nuclear Engineering ・Engineering Sciences and Design
Professor	MATSUMOTO, Yoshihisa	Radiation Biology, Molecular Biology and Biochemistry, Basic Medicine		・Nuclear Engineering
Associate Professor	KATABUCHI, Tatsuya	Neutron Science, Nuclear Physics, Nuclear Transmutation, Neutron Capture Therapy, Radiation Measurement		・Nuclear Engineering
Associate Professor	SAGARA, Hiroshi	Nuclear Safety, Security and Non-proliferation (3S), Reactor Design for High-level-waste Transmutation Non-destructive Assay Technology		・Nuclear Engineering
Associate Professor	TSUTSUI, Hiroaki	Plasma Physics and Nuclear Fusion, Superconducting Magnetic Energy Storage System		・Nuclear Engineering
Associate Professor	NAKASE, Masahiko	Nuclear Chemical Engineering, Nuclear Fuel Cycle, Innovative nuclear reactors, Separation Science, Nuclear Waste Management		・Nuclear Engineering
Associate Professor	HASEGAWA, Jun	Plasma Science and Technology, Ion Beam Application Studies, Inertial Fusion Studies, High Energy Density Science, Radiation Physics		・Nuclear Engineering
Professor	IKEGAMI, Masako	Science, Technology & Security, Nuclear Security, Nuclear Non-Proliferation, Arms Control & Disarmament, Advanced Technology R&D Policy Analysis		・Nuclear Engineering
Professor	KATO, Yukitaka	Zero-Carbon Energy Systems, Energy Storage & Conversion, Carbon Recycling Energy Systems, Chemical Heat Pump, Hydrogen Energy		・Nuclear Engineering
Professor	TSUKAHARA, Takehiko	Materials for Green and Energy transfromation,Lab-on-a-Chip, Environmental science, Analytical chemistry, Radiochemistry, Nuclear Fuel Cycle, Radioactive Waste Management		・Nuclear Engineering
Associate Professor	AKATSUKA, Hiroshi	Low-Temperature Plasma Chemistry and Plasma Physics		・Nuclear Engineering
Associate Professor	KIKURA, Hiroshige	Nuclear Reactor Safety, Process Control and Measurement System, Thermal Hydraulics, Safe Transport of Radioactive Material		・Nuclear Engineering
Associate Professor	KONDO, Masatoshi	Fusion reactor, Fast reactor, Material compatibility, Liquid metal technology		・Nuclear Engineering
Associate Professor	HARADA, Takuya	Inorganic Materials, Chemical Process Engineering, CO2 Capture & Utilization, Carbon Neutral Cycle		・Nuclear Engineering
Professor	SAIJO, Miki	Sociolinguistics, Communication Design, Human Centered Design, Knowledge management/Discourse management		・Engineering Sciences and Design
Professor	SAITO, Shigeki	Engineering Design, Smart Materials, Micromechanics, Micro Robotics		・Engineering Sciences and Design
Associate Professor	INABA, Kazuaki	Mechanical Engineering, Solid and Structure Engineering, Engineering Design		・Engineering Sciences and Design
Associate Professor	OHASHI, Takumi	Human-centered design, Co-design, Cognitive psychology, Design process, Electronic devices		・Engineering Sciences and Design
Professor	TAKEDA, Yukio	Mechanical Systems Design		・Engineering Sciences and Design

Professor	TSUJIMOTO, Masaharu	Platform Strategy, Ecosystem Strategy, Social System Design		・Engineering Sciences and Design
Professor	NAKAMARU,Mayuko	Social simulation, Human behavior and evolution, Mathematical biology, Evolutionary game theory, coupled social-ecological systems model		・Engineering Sciences and Design
Professor	YAGI, Tohru	Neural Engineering, Human Interface, Vision		・Engineering Sciences and Design
Professor	OTOMO, Junichiro	Energy Conversion Chemistry, Electrosynthesis, Fuel Cell, Hydrogen Energy Storage, Energy System Assessment, Integrated Energy Engineering		・Energy Science and Informatics
Professor	CROSS, Jeffrey Scott	Applied/Explainable AI (XAI), Bio-fuels, Catalysts, Ecotoxicology and System Science, Edtech, Renewable Energy Systems & Policy		・Energy Science and Informatics ・Global Engineering for Development, Environment and Society
Associate Professor	ISHIKAWA, Atsushi	Physical Chemistry, Theoretical Chemistry, Computational Chemistry, Chemical Kinetics, Energy Conversion Chemistry, Catalysis, Machine Learning		・Energy Science and Informatics
Associate Professor	WAKEYAMA, Tatsuya	Energy policy, Power market model, GIS, Grid and market integration of renewable energy, Social acceptance of geothermal energy		・Energy Science and Informatics
Professor	GOTO, Mika	Corporate Management, Production Economics, Energy Economics		・Energy Science and Informatics