

List of Faculties
Tokyo Institute of Technology International Graduate Program (C)
Commencing in April 2021

School of Science

(1) Dept. of Mathematics

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	ENDO, Hisaaki	Topology		Mathematics
Professor	GOMI, Kiyonori	Algebraic Topology, Mathematical Physics		Mathematics
Professor	HONDA, Nobuhiro	Complex Geometry		Mathematics
Professor	KAGEI, Yoshiyuki	Partial Differential Equations		Mathematics
Professor	KATO, Fumiharu	Algebraic Geometry, Arithmetic Geometry		Mathematics
Professor	NAITO, Satoshi	Representation Theory		Mathematics
Professor	NINOMIYA, Syoiti	Computational Finance, Mathematical Finance, Probability Theory		Mathematics
Professor	NISHIBATA, Shinya	Theory of Partial Differential Equations		Mathematics
Professor	TAGUCHI, Yuichiro	Number Theory		Mathematics
Professor	TONEGAWA, Yoshihiro	Partial Differential Equations, Geometric Measure Theory		Mathematics
Professor	UMEHARA, Masaaki	Differential Geometry		Mathematics
Professor	YAMADA, Kotaro	Differential Geometry		Mathematics
Associate Professor	FUJIKAWA, Ege	Complex Analysis		Mathematics
Associate Professor	HATTORI, Toshiaki	Geometry		Mathematics
Associate Professor	KALMAN, Tamas	Topology		Mathematics
Associate Professor	KAWAHIRA, Tomoki	Complex Dynamics, Complex Analysis		Mathematics
Associate Professor	KELLY, Shane	Algebraic Geometry, Homotopy Theory		Mathematics
Associate Professor	MA, Shohei	Algebraic Geometry		Mathematics
Associate Professor	MIURA, Hideyuki	Theory of Partial Differential Equations		Mathematics
Associate Professor	NOSAKA, Takefumi	Topology		Mathematics
Associate Professor	ONODERA, Michiaki	Partial Differential Equations		Mathematics
Associate Professor	SUZUKI, Masatoshi	Analytic Number Theory		Mathematics
Associate Professor	SUZUKI, Sakie	Knot Theory, Quantum Topology		Mathematics
Associate Professor	YATAGAWA, Yuri	Arithmetic Geometry		Mathematics
Associate Professor (Lecturer)	TSUCHIOKA, Shunsuke	Quantum Algebra, Representation Theory		Mathematics

(2) Dept. of Physics

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	FUJISAWA, Toshimasa	Electron dynamics in semiconductor nanostructures		Physics
Professor	HIRAYAMA, Hiroyuki	Surface & Interface Physics		Physics
Professor	ITO, Katsushi	Particle Physics (Theory)		Physics
Professor	JIDO, Daisuke	Nuclear Hadron Physics (Theory)		Physics
Professor	KAWAI, Nobuyuki	Astrophysics (Experiment)		Physics
Professor	KOZUMA, Mikio	Quantum optics, Laser cooling, Bose Einstein condensation		Physics
Professor	KUZE, Masahiro	Particle Physics (Experiment)		Physics
Professor	MURAKAMI, Shuichi	Theoretical Condensed Matter Physics, spintronics, geometrical phases		Physics
Professor	NAKAMURA, Takashi	Nuclear Physics (Experiment)		Physics
Professor	NOTOMI, Masaya	Nanophotonics, Photonic crystals, Metamaterials		Physics
Professor	OKUMA, Satoshi	Low Temperature Physics, Superconductivity		Physics
Professor	SAITO, Susumu	Theoretical Condensed Matter Physics		Physics
Professor	SASAMOTO, Tomohiro	Statistical physics		Physics
Professor	SATOH, Takuya	Ultrafast dynamics, optical condensed matter physics		Physics
Professor	YAMAGUCHI, Masahide	Cosmology, particle physics, gravitation (Theory)		Physics

Specialty Appointed Professor	HIGEMOTO, Wataru	Strongly correlated electron systems, Muon science	JAEA	Physics
Visiting Professor	DOTANI, Tadayasu	X-ray Astronomy (Experiment)	JAXA	Physics
Visiting Professor	MATSUHARA, Hideo	Infrared Astronomy (Experiment)	JAXA	Physics
Associate Professor	AIKAWA, Kiyotaka	Atomic and molecular physics, Quantum optics, Laser cooling		Physics
Associate Professor	FUJIOKA, Hiroyuki	Nuclear and Hadron Physics (Experiment)		Physics
Associate Professor	HIRAHARA, Toru	Surface Physics, Nano /spin-Science		Physics
Associate Professor	IMAMURA, Yosuke	Particle Physics (Theory)		Physics
Associate Professor	JINNOUCHI, Osamu	High Energy Particle Physics (Experiment)		Physics
Associate Professor	KOGA, Akihisa	Strongly correlated electron systems		Physics
Associate Professor	MATSUSHITA, Michio	Optical spectroscopy of single proteins		Physics
Associate Professor	NISHIDA, Yusuke	Theoretical Quantum Physics, Ultracold Atoms		Physics
Associate Professor	SOMIYA, Kentaro	Gravitational Wave Detector		Physics
Associate Professor	SUYAMA, Teruaki	Cosmology, gravitational waves (Theory)		Physics
Associate Professor	YATSU, Yoichi	Astrophysics (Experiment)		Physics
Associate Professor (Lecturer)	KAWAMURA, Toru	Plasma Physics, Atomic Processes in Plasmas		Physics

(3) Dept. of Chemistry

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	GOTO, Kei	Organic Chemistry		Chemistry
Professor	ISHITANI, Osamu	Photochemistry, Photocatalyst		Energy Science and Engineering Chemistry
Professor	ISHIUCHI, Shun-ichi	Physical Chemistry, Laser Spectroscopy		Chemistry
Professor	KAWAGUCHI, Hiroyuki	Coordination Chemistry		Chemistry
Professor	KAWANO, Masaki	Coordination Chemistry, Chemical Crystallography, Supramolecular Chemistry		Chemistry
Professor	KOSHIHARA, Shinya	Photo-induced Cooperative Phenomena, Optical Properties of Solids		Energy Science and Engineering Chemistry
Professor	NOGAMI, Kenji	Geochemistry, Volcanology		Chemistry
Professor	OHSHIMA, Yasuhiro	Physical Chemistry, Laser Science		Chemistry Energy Science and Engineering
Professor	TOYOTA, Shinji	Physical Organic Chemistry		Chemistry
Professor	YASHIMA, Masatomo	Materials Science, Crystallography, Solid State Chemistry & Physics, Solid State Ionics, Crystal Structure Analysis, New Inorganic Materials		Energy Science and Engineering Chemistry
Associate Professor	FUKUHARA, Gaku	Analytical Chemistry, Supramolecular Chemistry		Chemistry
Associate Professor	KITAJIMA, Masashi	Physical Chemistry		Chemistry
Associate Professor	KUDO, Fumitaka	Bioorganic Chemistry		Chemistry
Associate Professor	MAEDA, Kazuhiko	Inorganic Materials Chemistry, Photocatalysis		Energy Science and Engineering Chemistry
Associate Professor	NISHINO, Tomoaki	Surface Chemistry		Chemistry
Associate Professor	OHMORI, Ken	Organic Chemistry		Chemistry
Associate Professor	OKIMOTO, Yoichi	Optical Spectroscopy of Solids		Energy Science and Engineering Chemistry
Associate Professor	ONO, Kosuke	Organic Chemistry, Supramolecular Chemistry		Chemistry
Associate Professor	TAKAYA, Jun	Organic Chemistry		Chemistry
Associate Professor	UEKUSA, Hidehiro	Chemical Crystallography, Organic Crystal Chemistry		Chemistry
Associate Professor	YAMAZAKI, Masakazu	Physical Chemistry, Atomic and Molecular Physics		Chemistry
Associate Professor (Lecturer)	TERADA, Akihiko	Volcanology		Chemistry

(4) Dept. of Earth and Planetary Sciences

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	HERNLUND, John	Geophysical Modeling	Earth-Life Science Institute	Earth and Planetary Sciences □
Professor	IDA, Shigeru	Planetary Formation, Numerical Simulation	Earth-Life Science Institute	Earth and Planetary Sciences □

Professor	NAKAJIMA, Junichi	Seismology		Earth and Planetary Sciences □
Professor	NAKAMOTO, Taishi	Astrophysics, Planetary Formation		Earth and Planetary Sciences □
Professor	OGAWA, Yasuo	Geomagnetism, Volcanology, Seismology	Volcanic Fluid Research Center	Earth and Planetary Sciences □
Professor	SEKINE, Yasuhito	Earth and Planetary Environment Evolution, Astorobiology	Earth-Life Science Institute	Earth and Planetary Sciences □
Professor	UENO, Yuichiro	Geology, Biogeochemistry		Earth and Planetary Sciences □
Professor	YOKOYAMA, Tetsuya	Geochemistry, Cosmochemistry		Earth and Planetary Sciences □
Associate Professor	GENDA, Hidenori	Comparative Planetology, Aqua Planetology	Earth-Life Science Institute	Earth and Planetary Sciences □
Associate Professor	ISHIKAWA, Akira	Geology, Solid Earth Geochemistry		Earth and Planetary Sciences □
Associate Professor	KANDA, Wataru	Physical Volcanology, Geomagnetism	Volcanic Fluid Research Center	Earth and Planetary Sciences □
Associate Professor	OHTA, Kenji	Study of the Earth's Deep Interior, High-Pressure Mineral Physics		Earth and Planetary Sciences □
Associate Professor	OKUZUMI, Satoshi	Astrophysics, Planetary Formation		Earth and Planetary Sciences □
Associate Professor	SATO, Bunei	Observational Astronomy, Exoplanets		Earth and Planetary Sciences □

School of Engineering

(5) Dept. of Mechanical Engineering

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	AOKI, Takayuki	Multi-phase Flow Simulation, Large-scale Computational Fluid Dynamics, GPU Computing	Not accepted students for Integrated Doctoral Education Program	Mechanical Engineering Energy Science and Engineering
Professor	HANAMURA, Katsunori	Environmental Thermal Engineering	Not accepted students for Integrated Doctoral Education Program	Energy Science and Engineering Mechanical Engineering
Professor	HATSUZAWA, Takeshi	Bio-MEMS/NEMS	Not accepted students for Integrated Doctoral Education Program	Human Centered Science and Biomedical Engineering Mechanical Engineering
Professor	HIRAI, Shuichiro	Global Environment Engineering	Not accepted students for Integrated Doctoral Education Program	Mechanical Engineering Energy Science and Engineering
Professor	HIRATA, Atsushi	Surface Engineering		Mechanical Engineering
Professor	INOUE, Hirotugu	Mechanics of Materials, Non-destructive Testing		Mechanical Engineering
Professor	INOUE, Takayoshi	Heat Transfer in Extreme Conditions, Thermal Management Technologies for Aerospace Engineering	Not accepted students for Integrated Doctoral Education Program	Mechanical Engineering Energy Science and Engineering
Professor	IWATSUKI, Nobuyuki	Human Friendly Systems, Silent Engineering	Not accepted students for Integrated Doctoral Education Program	Mechanical Engineering Engineering Sciences and Design
Professor	MATUNAGA, Saburo	Space Systems Engineering, Micro/Nano Satellite Systems, Smart Space Technology		Mechanical Engineering
Professor	NISHIDA, Yoshifumi	Living Centric Design, Living Function Support, Artificial Intelligence, IoT		Engineering Sciences and Design Mechanical Engineering
Professor	NOZAKI, Tomohiro	Plasma Chemistry, Reaction Engineering, Thermal Engineering		Energy Science and Engineering Mechanical Engineering
Professor	OHTAKE, Naoto	Manufacturing Science and Technology		Mechanical Engineering Engineering Sciences and Design
Professor	OKADA, Masafumi	Robotics, Control Engineering		Engineering Sciences and Design Mechanical Engineering
Professor	OKAMURA, Tetsuji	Cryogenics, Cooling/Refrigeration Technology, Superconducting Magnet Technology	Not accepted students for Integrated Doctoral Education Program	Mechanical Engineering Energy Science and Engineering
Professor	OKUNO, Yoshihiro	Physics and Application of Magnetohydrodynamics, MHD Power Generation, Plasma Science and Engineering	Not accepted students for Integrated Doctoral Education Program	Energy Science and Engineering Mechanical Engineering
Professor	OMATA, Toru	Medical Robotics, Bio-Medical Microfluidic Systems, Robotics and Mechatronics	Not accepted students for Integrated Doctoral Education Program	Human Centered Science and Biomedical Engineering Mechanical Engineering
Professor	SAITO, Shigeki	Micromechanics, Micro Robotics, Engineering Design		Engineering Sciences and Design
Professor	SATO, Chiaki	Adhesion Technology, Composite Materials		Mechanical Engineering Engineering Sciences and Design
Professor	SHINSHI, Tadahiko	Mechanical Systems, Magnetic MEMS, Artificial Heart		Mechanical Engineering Human Centered Science and Biomedical Engineering
Professor	SUEKANE, Tetsuya	CO2 Geological Storage, Enhanced Oil Recovery, Transport in Porous Media		Energy Science and Engineering Mechanical Engineering

Professor	SUZUMORI, Koichi	Robotics, Soft Robotics, Actuator	Not accepted students for Integrated Doctoral Education Program	Mechanical Engineering
Professor	TAKAHARA, Hiroki	Structural Dynamics	Not accepted students for Integrated Doctoral Education Program	Mechanical Engineering
Professor	TAKEDA, Yukio	Mechanical Systems Design		Mechanical Engineering Engineering Sciences and Design
Professor	TANAHASHI, Mamoru	Fluid Dynamics, Heat and Mass Transfer, Combustion		Energy Science and Engineering Mechanical Engineering
Professor	TODOROKI, Akira	Solids and Structures Engineering		Mechanical Engineering
Professor	XIAO, Feng	Computational fluid dynamics, Numerical analysis, Integrated system of data, deterministic and statistical models		Mechanical Engineering Energy Science and Engineering
Professor	YAMAURA, Hiroshi	Mechatronics, Dynamics, Control		Mechanical Engineering
Professor	YANAGIDA, Yasuko	Bio-MEMS/NEMS, Biosensing, Biofunctional Engineering		Human Centered Science and Biomedical Engineering Mechanical Engineering
Professor	YOSHIDA, Kazuhiro	Fluid Power Micromachines, Microactuators, Functional Fluid Application		Engineering Sciences and Design Mechanical Engineering
Professor	YOSHINO, Masahiko	Nano/micro Manufacturing, Metalforming, Machining	Not accepted students for Integrated Doctoral Education Program	Mechanical Engineering
Specialty Appointed Professor	KADONAGA, Masami	Digital printing, Inkjet printing, Electrophotography		Mechanical Engineering
Specialty Appointed Professor	KOBAYASHI, Tsune	[Mechanical Element] Analysis and Design of Mechanical Elements, Mechanisms for Automobiles		Mechanical Engineering Engineering Sciences and Design
Associate Professor	AKASAKA, Hiroki	Synthesis and Evaluation of Inorganic Carbon Materials		Mechanical Engineering Engineering Sciences and Design
Associate Professor	AONO, Yuko	Functional Surface and Thin Film, Laser Processing		Mechanical Engineering
Associate Professor	ENDO, Gen	Robotics, Mechatronics, Mechanism Design		Mechanical Engineering
Associate Professor	FURUYA, Hiroshi	Space Structure Engineering, Structural Analysis and Design, Optimization	Accepted Students only for Master's Program	Mechanical Engineering Engineering Sciences and Design
Associate Professor	FUSHINOBU, Kazuyoshi	Thermal Engineering (Laser, Electronic Packaging, Digital Printing, Energy Equipment)		Mechanical Engineering
Associate Professor	HASEGAWA, Jun	Plasma Science and Technology, Ion Beam Application Studies, Inertial Fusion Studies, High Energy Density Science, Radiation Physics		Mechanical Engineering Energy Science and Engineering
Associate Professor	HUJIKATA, Wataru	Mechatronics, Medical Device, Wireless Power Transmission		Engineering Sciences and Design Mechanical Engineering
Associate Professor	INABA, Kazuaki	Continuum Mechanics		Mechanical Engineering Engineering Sciences and Design
Associate Professor	ISHIDA, Tadashi	Biomedical MEMS, Nanobiology		Human Centered Science and Biomedical Engineering Mechanical Engineering
Associate Professor	KIKURA, Hiroshige	Nuclear Reactor Safety, Process Control and Measurement System, Thermal Hydraulics, Safe Transport of Radioactive Material		Nuclear Engineering
Associate Professor	KIM, Joon-wan	MEMS, Micro Mechatronics, Bio Mechatronics		Mechanical Engineering Human Centered Science and Biomedical Engineering
Associate Professor	KONDO, Masatoshi	Fusion reactor, Fast reactor, Material compatibility, Liquid metal technology		Nuclear Engineering
Associate Professor	MATSUMURA, Shigeki	Vibration Measurement and Analysis	Accepted Students only for Master's Program	Engineering Sciences and Design Mechanical Engineering
Associate Professor	MIZUTANI, Yoshihiro	Structural Reliability Engineering, Application of Artificial Intelligence		Mechanical Engineering Engineering Sciences and Design
Associate Professor	MURAKAMI, Yoichi	Molecular Energy Mechanics, Thermal Engineering, Functional Materials Development, Light Wavelength Conversion, Flow Thermo-Electric Conversion, Nano-structured Thermal Energy Storage Materials		Mechanical Engineering Energy Science and Engineering
Associate Professor	NAKANISHI Hiroki	Space engineering, Space robotics		Mechanical Engineering
Associate Professor	NAKANO, Yutaka	Vibration Engineering		Mechanical Engineering

Associate Professor	NISHISAKO, Takashi	Nano/micro Fluid, Emulsion, Micro Chemistry, Bio chemistry, MEMS		Mechanical Engineering
Associate Professor	ONISHI, Ryo	Environmental Turbulent Flows, CFD, Machine Learning, Data Assimilation, Micro-Meteorology Forecasting System		Mechanical Engineering
Associate Professor	SAITO, Takushi	Development of Heat Transfer Control using Nanomaterials, Analysis of Transport Phenomena including Interface, Advanced Material Processing Technology using Heat		Mechanical Engineering Energy Science and Engineering
Associate Professor	SAKAGUCHI, Motoki	Mechanics and Strength of Materials		Mechanical Engineering
Associate Professor	SAKAMOTO, Hiraku	Space Structures, Dynamics, Numerical Analysis		Engineering Sciences and Design Mechanical Engineering
Associate Professor	SASABE, Takashi	Advanced Energy Engineering		Mechanical Engineering Energy Science and Engineering
Associate Professor	SHIMURA, Masayasu	Fluid Dynamics, Heat and Mass Transfer, Combustion, Combustion Control		Energy Science and Engineering Mechanical Engineering
Associate Professor	SUGAHARA, Yusuke	Mechanical Systems Design		Mechanical Engineering Engineering Sciences and Design
Associate Professor	TAKAYAMA, Toshio	Robotics & Mechatronics, Mechanism, Soft robot, Medical device, Microfluidic device		Mechanical Engineering
Associate Professor	TANAKA, Hiroto	Biomimetics, Fluid dynamics of animal flight and swimming, Flapping-wing aerial/underwater robots, Micro fabrication		Mechanical Engineering
Associate Professor	TANAKA, Tomohisa	Production engineering, Manufacturing, Tribology		Mechanical Engineering
Associate Professor	YAGI, Tohru	Neural Engineering, Human Interface, Vision		Human Centered Science and Biomedical Engineering Mechanical Engineering
Associate Professor	YAMAMOTO, Takatoki	Bionanotechnology, Micro TAS		Mechanical Engineering Human Centered Science and Biomedical Engineering
Associate Professor	YAMAZAKI, Takahisa	Materials for Space Use, Advanced Joining and Surface Coating		Mechanical Engineering Engineering Sciences and Design
Associate Professor	YOSHIOKA, Hayato	Production Engineering, Ultraprecision Mechanical System		Mechanical Engineering Engineering Sciences and Design
Specially Appointed Associate Professor	ENDO, Mitsuru	Human Collaborative Robot, Light-weight Actuator, Mechatronics		Mechanical Engineering
Specially Appointed Associate Professor	KATO, Koichi	Digital printing, Inkjet printing, Electrophotography		Mechanical Engineering
Specially Appointed Associate Professor	MATSUURA, Daisuke	[Mechanical Element] Analysis and Design of Mechanical Elements, Robotics, Mechatronics, Visual Measurement, Visual Servo, Non-contact Manipulation, Welfare equipment		Mechanical Engineering
Associate Professor (Lecturer)	MIURA, Satoshi	Human-Machine Interface, Brain-Machine Interface, Medical Robotics, Welfare Robotics, Surgical Robotics		Mechanical Engineering
Assistant Professor (Tenure Track)	MINAMOTO, Yuki	Direct numerical simulations of turbulent reacting flows, theoretical and machine-learning based modelling for turbulent flows and other natural and social phenomena.		Energy Science and Engineering

(6) 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	HACHIYA, Hiroyuki	Ultrasonic Measurements, Acoustic Imaging		Systems and Control Engineering
Professor	IMURA, Jun-ichi	Robot Intelligent Control, Control Theory Hybrid Systems Theory		Systems and Control Engineering
Professor	ISHII, Hideaki	Systems and Control, Control Over Networks		Systems and Control Engineering
Professor	KOSAKA, Hidenori	Thermodynamics, Fluid Dynamics, Internal Combustion Engine		Systems and Control Engineering
Professor	KURABAYASHI, Daisuke	Biorobotic systems, Distributed systems, Motion planning		Systems and Control Engineering Engineering Sciences and Design
Professor	MIYAKE, Yoshihiro	Co-creation System, Human Communication, Cognitive Science, Self-Organization, Human Interface		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	NAKAYAMA, Minoru	Human Factors, Visual Perception, Language Processing, Educational System Evaluation, Educational Technology		Systems and Control Engineering

Professor	OKUTOMI, Masatoshi	Computer Vision, Image Processing		Systems and Control Engineering
Professor	SAMPEI, Mitsuji	Control Theory		Systems and Control Engineering Engineering Sciences and Design
Professor	TAKAYASU, Misako	Statistical Physics, Econophysics, Complex Networks		Systems and Control Engineering
Professor	YAMAMURA, Masayuki	Artificial Intelligence, Systems / Synthetic Biology, Molecular Robotics, Artificial Life		Systems and Control Engineering
Specially Appointed Professor	NAKADAI, Kazuhiro	Robot Audition, Computational Auditory Scene Analysis, Human-Machine Interaction	Prof. Kazuhiro Nakadai belongs to Honda Research Institute. Please make contact with Prof. Daisuke Kurabayashi, the chair of the department, in advance.	Systems and Control Engineering
Associate Professor	AONISHI, Toru	Computational Neuroscience, Statistical Mechanics		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	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	MIYAZAKI, Yusuke	Biomechanics, Injury Preventive Engineering, Digital Human Modeling		Systems and Control Engineering
Associate Professor	OHYAMA, Shinji	Measurement Science		Systems and Control Engineering
Associate Professor	ONO, Isao	Evolutionary Computation, Reinforcement learning, Optimization		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
Associate Professor	TAKINOUE, Masahiro	Molecular robot, DNA nanotechnology, DNA computer, Artificial cell, Synthetic biology, Biomicrofluidics, Biophysics, Wet experiments		Systems and Control Engineering
Associate Professor	TANAKA, Masayuki	Computational photography, Image processing		Systems and Control Engineering
Associate Professor	TSUKAGOSHI, Hideyuki	Biomimetic Soft Actuator, Fluid powered robot, Medical actuator		Systems and Control Engineering
Associate Professor	YAMAKITA, Masaki	Control Engineering, Robotics		Systems and Control Engineering Engineering Sciences and Design
Specially Appointed Associate Professor	ITOYAMA, Katsutoshi	Music Information Processing, Statistical Signal Processing, Machine Learning, Robot Audition, Animal Sound Analysis	Associate Prof. Katsutoshi Itoyama belongs to research alliance laboratory with Honda Research Institute. Please make contact with Prof. Daisuke Kurabayashi, the chair of the department, in advance.	Systems and Control Engineering
Specially Appointed Associate Professor	NISHIDA Kenji	statistical pattern recognition, computer vision, machine learning, intelligent driving (pedestrian detection, obstacle detection)	Associate Prof. Kenji Nishida belongs to research alliance laboratory with Honda Research Institute. Please make contact with Prof. Daisuke Kurabayashi, the chair of the department, in advance.	Systems and Control Engineering

(7) Dept. of Electrical and Electronic Engineering

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	ASADA, Masahiro	Semiconductor Nano-Devices, High-Speed Devices, Terahertz Devices		Electrical and Electronic Engineering
Professor	CHIBA, Akira	Electric Machine, Magnetic Suspension		Electrical and Electronic Engineering Energy Science and Engineering
Professor	FUJITA, Hideaki	Power Electronics, Electrical Machinery		Electrical and Electronic Engineering Energy Science and Engineering
Professor	HATANO, Mutsuko	Quantum sensors, Power devices, Solid-State Physics and Engineering		Energy Science and Engineering Electrical and Electronic Engineering
Professor	HIROKAWA, Jiro	Millimeter-wave/Terahertz-wave planar antennas, Electromagnetic wave analysis		Electrical and Electronic Engineering
Professor	KAJIKAWA, Kotaro	Plasmonics, Metamaterials, Nonlinear Optics		Human Centered Science and Biomedical Engineering Electrical and Electronic Engineering
Professor	KOYAMA, Fumio	Photonic Integrated Devices for Optical Communication, Optical Sensing		Electrical and Electronic Engineering
Professor	MANAKA, Takaaki	Organic and Polymer Electronics, Organic Devices, Nonlinear Optics		Electrical and Electronic Engineering
Professor	MIYAMOTO, Yasuyuki	Compound Semiconductor Process/Devices		Electrical and Electronic Engineering
Professor	NAKAGAWA, Shigeki	Spintronics, Information Storage Devices, Superconductive Spintronics		Electrical and Electronic Engineering
Professor	NAKAMURA, Kentaro	Optical Sensing, Applied Acoustic Devices		Human Centered Science and Biomedical Engineering Electrical and Electronic Engineering
Professor	NISHIYAMA, Nobuhiko	Photonic Electronic Convergence Circuit., Semiconductor Lasers, Measurement System using Photonic Integrated Circuit		Electrical and Electronic Engineering
Professor	OGURI, Yoshiyuki	Environmental- and Medical Sciences Based on MeV Ion Beams		Nuclear Engineering
Professor	OKADA, Kenichi	Wireless Circuit Design, Analog Circuit Design		Electrical and Electronic Engineering

Professor	SAKAGUCHI, Kei	Wireless communications, 5G, IoT, mmWave, Wireless power transmission, Connected car, Automated driving		Electrical and Electronic Engineering
Professor	TOKUDA, Takashi	Microdevices and circuits for biomedical and IoT		Human Centered Science and Biomedical Engineering Electrical and Electronic Engineering
Professor	TSUTSUI, Kazuo	Semiconductor Devices, Device Processes	Master's Program only	Electrical and Electronic Engineering
Professor	UENOHARA, Hiroyuki	Optical Communications, Optical Signal Processing, Photonic Switching, Photonic Integration		Electrical and Electronic Engineering
Professor	WAKABAYASHI, Hitoshi	Semiconductor Devices, Nano-electronics, LSI		Electrical and Electronic Engineering
Professor	YAMADA, Akira	Semiconductor Physics, Solar Cells, Compound Thin-Film Solar Cells		Energy Science and Engineering Electrical and Electronic Engineering
Professor	YASUOKA, Koichi	High - voltage and Plasma Engineering	indicates person who will retire in March, 2021.	Electrical and Electronic Engineering Energy Science and Engineering
Specially Appointed Professor	NAKAMURA, Hiroshi	Collaborative robot, lightweight actuator, Mechatronics, Motion control		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	indicates the person who can only be an academic co-supervisor.	Electrical and Electronic Engineering
Associate Professor	AKATSUKA, Hiroshi	Low-Temperature Plasma, Chemistry and Physics		Electrical and Electronic Engineering
Associate Professor	AOYAGI, Takahiro	Electromagnetic Compatibility (EMC), Wave Propagation		Electrical and Electronic Engineering
Associate Professor	HAGIWARA, Makoto	Power Electronics, Smart Grid, Renewable Energy		Energy Science and Engineering 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
Associate Professor	ITO, Hiroyuki	Low Power CMOS Circuits, Internet of Medical Things, IoT in Agriculture		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 Engineering
Associate Professor	KAKUSHIMA, Kuniyuki	Nanoelectronics and MEMS		Electrical and Electronic Engineering
Associate Professor	KAWANO, Yukio	Flexible and Wearable Photonics, Terahertz and Infrared Sensing		Electrical and Electronic Engineering
Associate Professor	KIYOTA, Kyohei	Electric Machines, motor, generator, magnetic suspension		Energy Science and Engineering Electrical and Electronic Engineering
Associate Professor	KODERA, Tetsuo	Quantum computing technology, Quantum Information Devices, Nano quantum electronics		Electrical and Electronic Engineering Energy Science and Engineering
Associate Professor	KUROSAWA, Minoru	Actuators, Audio Engineering, echo location		Electrical and Electronic Engineering
Associate Professor	MIYAJIMA, Shinsuke	Photovoltaic materials and devices		Energy Science and Engineering Electrical and Electronic Engineering
Associate Professor	MIYAMOTO, Tomoyuki	Semiconductor Opto-electronic Devices		Electrical and Electronic Engineering
Associate Professor	NISHIKATA, Atsuhiko	Electromagnetic Compatibility (EMC), Material Measurement, Auditory Information		Electrical and Electronic Engineering
Associate Professor	OHMI, Shun-ichiro	Semiconductor Devices		Electrical and Electronic Engineering
Associate Professor	OKINO, Akitoshi	Plasma Engineering		Human Centered Science and Biomedical Engineering Electrical and Electronic Engineering
Associate Professor	PHAM, Nam Hai	Semiconductor/metal spintronics, Ferromagnetic semiconductor, Topological insulator		Electrical and Electronic Engineering
Associate Professor	SHOJI, Yuya	Lightwave Circuits, Optical Communication		Electrical and Electronic Engineering
Associate Professor	SUGAHARA, Satoshi	Integrated Devices and Circuits		Electrical and Electronic Engineering
Associate Professor	SUZUKI, Safumi	Ultra High-Speed Electronic Devices, Terahertz Wireless 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
Associate Professor	TAKEUCHI, Nozomi	Plasma Engineering, Electrostatics, High Voltage Engineering		Electrical and Electronic Engineering Energy Science and 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	WATANABE, Masahiro	Quantum Devices, Hetero-epitaxial Engineering		Electrical and Electronic Engineering
Assistant Professor (Tenure Track)	KAWABE, Kenichi	Power system engineering, Renewable energy sources		Electrical and Electronic Engineering Energy Science and Engineering
Assistant Professor (Tenure Track)	SANO, Kenichiro	Power Electronics, High voltage dc transmission		Electrical and Electronic Engineering Energy Science and Engineering
Assistant Professor (Tenure Track)	TOMURA, Takashi	Satellite onboard antenna, wireless communication, large-scale electromagnetic analysis.		Electrical and Electronic Engineering

(8)Dept. of Information and Communications Engineering

Academic Supervisor	Research Field	Remarks	Graduate Major
Professor	FUKAWA, Kazuhiko	Wireless Communications, Wireless Communication Networks, Intelligent Signal Processing, Adaptive Filter Theory	Information and Communications Engineering
Professor	ISSHIKI, Tsuyoshi	System-LSI Design Methodology, Embedded Processor Design	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	KOIKE, Yasuharu	Human Interface, Computational Neuroscience	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	Information and Communications Engineering
Professor	MOTOMURA, Masato	Reconfigurable Hardware, Intelligent Computing, Deep Learning Processor, Annealing Machine	Information and Communications Engineering
Professor	NAKAMOTO, Takamichi	Human Interface, Olfactory Display, Odor Sensing System, Sensor Information Processing	Information and Communications Engineering
Professor	NAKAMURA, Kentaro	Optical Sensing, Applied Acoustic Devices	Information and Communications Engineering
Professor	NAKAYAMA, Minoru	Human Factors, Visual Perception, Language Processing, Educational System Evaluation, Educational Technology	Doctoral program only 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
Professor	TAKAGI, Shigetaka	Integrated Circuits, Circuit Theory	Doctoral program only Information and Communications Engineering
Professor	TAKAHASHI, Atsushi	VLSI CAD, Physical Design, Synchronous Circuits	Doctoral program only Information and Communications Engineering
Professor	UYEMATSU, Tomohiko	Information Theory, Coding Theory	Doctoral program only Information and Communications Engineering
Professor	YAMADA, Isao	Signal Processing, Machine Learning, Optimization, Inverse Problems	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	YAMAOKA, Katsunori	Information and Communication Network	Doctoral program only Information and Communications Engineering
Visiting Professor	SATO, Imari	Computer Vision, Computer Graphics, Image-Based Modeling and Rendering, Machine Learning	indicates the person who can only be an academic co-supervisor. Information and Communications Engineering
Associate Professor	FUNAKOSHI, Kotaro	Natural Language Processing, Multimodal Dialogue System, Human-Machine Interaction	Information and Communications Engineering
Associate Professor	HARA, Yuko	Hardware/Software Co-design, Low-Energy Embedded Systems, Approximate Computing	Doctoral program only Information and Communications Engineering
Associate Professor	HASEGAWA, Shoichi	Physics Engine, Character motion, Haptics, Virtual Reality, Human Computer Interaction, Entertainment Computing	Information and Communications Engineering
Associate Professor	Jaehoon, YU	Machine Learning, Intelligent Computing, Pattern Recognition, System Architecture	Information and Communications Engineering
Associate Professor	KASAI, Kenta	Coding Theory, LDPC Codes, Spatially Coupled Codes	Doctoral program only Information and Communications Engineering
Associate Professor	KITAGUCHI, Yoshiaki	Network Operations Management, Network Security	Doctoral program only Information and Communications Engineering
Associate Professor	KUROSAWA, Minoru	Audio Engineering, Acoustic Radiation Force Fluidic Actuator, Echo Location Systems	Information and Communications Engineering
Associate Professor	MATSUMOTO, Ryutaro	Error-correcting code, information theory, quantum information	Doctoral program only 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	NAKAHARA, Hiroki	Reconfigurable Computing, High-Performance Computing, FPGA, Machine Learning	Information and Communications Engineering
Associate Professor	OBI, Takashi	Medical Informatics, Medical Image Processing, Information Security, Secure System	Information and Communications Engineering Human Centered Science and Biomedical Engineering
Associate Professor	SASAKI, Hiroshi	Computer Architecture, Computer Security, Computer Systems, Internet of Things (IoT), Workload Characterization	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
Associate Professor	TABARU, Marie	Biomedical Engineering Measurement, Agricultural Engineering Measurement, Acoustic Engineering	Information and Communications Engineering
Associate Professor	WATANABE, Yoshihiro	Computer Vision, Augmented Reality, Digital Archiving, Human-computer Interaction	Information and Communications Engineering
Associate Professor	YOSHIMURA, Natsue	Brain Activity Decoding, Human Interface, Computational Neuroscience	Human Centered Science and Biomedical Engineering Information and Communications Engineering

(9) Dept. of Industrial Engineering and Economics

Academic Supervisor	Research Field	Remarks	Graduate Major
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Professor	INOUE, Kotaro	Corporate Finance, Corporate Governance		Industrial Engineering and Economics
Professor	MATSUI, Tomomi	Optimization Theory, Combinatorics, Operations Research		Industrial Engineering and Economics
Professor	SENOO, Dai	Knowledge Management, Leadership		Industrial Engineering and Economics Engineering Sciences and Design
Professor	SHIOURA, Akiyoshi	Discrete Optimization, Operations Research, Algorithm Theory		Industrial Engineering and Economics
Professor	UMEMURO, Hiroyuki	Affect and Emotion, Gerontechnology, Human Factors		Industrial Engineering and Economics
Professor	YAMATO, Takehiko	Economic Theory, Experimental Economics		Industrial Engineering and Economics
Visiting Professor	MASUI, Toshihiko	Environmental Economic Modeling	Supporting supervisor	Industrial Engineering and Economics
Associate Professor	AOKI, Hirota	Human Factors and Ergonomics, Industrial Engineering		Industrial Engineering and Economics
Associate Professor	CHUNG, Sulin	Marketing, Retailing		Industrial Engineering and Economics
Associate Professor	FUKUDA, Emiko	Industrial Economics, Game Theory		Industrial Engineering and Economics
Associate Professor	GU, Xiuzhu	Operations management, quality management, Industrial Engineering		Industrial Engineering and Economics
Associate Professor	HORI, Takeo	Dynamic Macroeconomics, Economic Growth		Industrial Engineering and Economics
Associate Professor	KAWASAKI, Ryo	Mathematical Economics, Game Theory		Industrial Engineering and Economics
Associate Professor	NAGATA, Kyoko	Financial Reporting, Company Analysis, Corporate Governance		Industrial Engineering and Economics
Associate Professor	NAKATA, Kazuhide	Operations Research, Continuous Optimization, Machine Learning		Industrial Engineering and Economics
Associate Professor	OGASAWARA, Kota	Clometrics, Health Economics		Industrial Engineering and Economics
Associate Professor	OHDOI, Ryoji	Dynamic Macroeconomics, Economic Growth		Industrial Engineering and Economics
Associate Professor	SEABORN Katie	Web Informatics, Human-Robot Interaction		Industrial Engineering and Economics
Associate Professor	SUZUKI, Sadami	Production and Operations Management		Industrial Engineering and Economics
Visiting Associate Professor	KANAMORI, Yuko	Environmental Economic Modeling	Supporting supervisor	Industrial Engineering and Economics

School of Materials and Chemical Technology

(10) Dept. of Materials Science and Engineering

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	AZUMA, Masaki	Solid State Chemistry		Materials Science and Engineering
Professor	FUJII, Toshiyuki	Crystallography of Microstructures		Materials Science and Engineering
Professor	FUNAKUBO, Hiroshi	Materials Science, Thin Film Devices		Materials Science and Engineering
Professor	HARA, Michikazu	Catalysis, Surface Science		Materials Science and Engineering Energy Science and Engineering
Professor	HAYAKAWA, Teruaki	Polymer Synthesis, Polymer Thin Films, Self-Organizing Organic and Polymeric Materials		Materials Science and Engineering
Professor	HOSODA, Hideki	Materials Design, Shape Memory Alloys, Intermetallic Compounds		Materials Science and Engineering Human Centered Science and Biomedical Engineering Energy Science and Engineering
Professor	IKOMA, Toshiyuki	Bioceramics, Biosensing, Nanomedicine, Tissue Engineering		Human Centered Science and Biomedical Engineering Materials Science and Engineering
Professor	INAMURA, Tomonari	Shape Memory Alloy, Crystallography of Phase Transformation		Materials Science and Engineering Energy Science and Engineering
Professor	KAMIYA, Toshio	Semiconductors, Optoelectronic Devices, Computer simulation		Materials Science and Engineering
Professor	KAWAJI, Hitoshi	Physical Chemistry of Materials, Phase Transition		Materials Science and Engineering
Professor	KIMURA, Yoshisato	Heat Resistant Alloys and Thermoelectric Materials Design based on Phase Equilibria and Microstructure		Energy Science and Engineering Materials Science and Engineering
Professor	KITAMOTO, Yoshitaka	Nanoparticles, Magnetic Materials and Devices, Biomedical Devices, Biosensors		Human Centered Science and Biomedical 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	MAJIMA, Yutaka	Nanoscale Electronic Materials, Molecular Devices, Scanning Probe Microscopy		Materials Science and Engineering
Professor	MATSUMOTO, Hidetoshi	Functional Nanomaterials, Polymer Membranes and Thin Films, Energy-Related Materials		Materials Science and Engineering Energy Science and Engineering
Professor	MATSUSHITA, Nobuhiro	Novel Material Processes for Energy and Environmental, Biomedical, Electronic Applications		Materials Science and Engineering
Professor	MIYAUCHI, Masahiro	Photocatalysis, Artificial Photosynthesis, Green House Gas Conversion, Hydrogen Carrier, Chemical Synthesis of Nanoparticles		Energy Science and Engineering Materials Science and Engineering
Professor	MORI, Takehiko	Organic Electronics		Materials Science and Engineering Energy Science and Engineering
Professor	MORIKAWA, Junko	Polymer Processing, Thermal Properties of Polymers		Materials Science and Engineering Human Centered Science and Biomedical Engineering

Professor	NAKAJIMA, Akira	Environmental Ceramics, Surface Functional Materials		Materials Science and Engineering
Professor	NAKAMURA, Yoshio	Applied Diffraction Crystallography, Nano-Structured Materials		Materials Science and Engineering
Professor	OBA, Fumiyasu	Computational Design of Electronic and Energy Materials		Materials Science and Engineering
Professor	ONAKA, Susumu	Mechanical Properties of Materials		Materials Science and Engineering
Professor	OUCHI, Yukio	Physical Chemistry of Organic Materials, Surface and Interface of Soft-Materials, Electrochemistry of Ionic Liquids		Materials Science and Engineering
Professor	OUGIZAWA, Toshiaki	Physical Chemistry of Polymeric Materials		Materials Science and Engineering
Professor	SHI, Ji	Physical Properties of Metals, Magnetic Thin Films		Energy Science and Engineering Materials Science and Engineering
Professor	SONE, Masato	Material Fabrication and Evaluation for IC & MEMS		Human Centered Science and Biomedical Engineering Materials Science and Engineering
Professor	SUSA, Masahiro	Physical Chemistry of Metals, Materials Metrology		Energy Science and Engineering Materials Science and Engineering
Professor	TAKEYAMA, Masao	Physical Metallurgy of Intermetallic and Ferrous Materials, Phase Transformations of Alloys, Deformation in Solid		Materials Science and Engineering Energy Science and Engineering
Professor	TSURUMI, Takaaki	Dielectrics and Energy Storage Capacitors		Materials Science and Engineering
Professor	VACHA, Martin	Optical Properties of Organic Materials		Materials Science and Engineering Energy Science and Engineering
Professor	YANO, Tetsuji	Inorganic Glasses, Ion-Dynamics and Optical Properties		Materials Science and Engineering
Professor	YOSHIMOTO, Mamoru	Oxide Nano-Engineering, Device, Solar cell		Materials Science and Engineering Energy Science and Engineering
Specially Appointed Professor	SAKATA, Osami	Materials Analysis using Synchrotron Radiation, Functional Thin Films, Surfaces, Nano-particles		Materials Science and Engineering
Institute Professor	HOSONO, Hideo	Exploring novel electronic & photonic materials (Superconductor, Transparent-semiconductors, Fluorescent and Catalytic Materials)		Materials Science and Engineering
Associate Professor	ASAI, Shigeo	Physical Properties of Organic Materials, Polymer Composites		Materials Science and Engineering
Associate Professor	AZUMA, Yasuo	Micro/Nanofabrication, Electrical characteristic measurement		Materials Science and Engineering
Associate Professor	GOHDA, Yoshihiro	Electron Theory of Magnetic Materials and Surface Nanostructures		Materials Science and Engineering
Associate Professor	HAYAMIZU, Yuhei	Bio-interface, Nano Materials		Materials Science and Engineering Human Centered Science and Biomedical Engineering
Associate Professor	HAYASHI, Miyuki	Thermophysical Properties of Materials, High Temperature Process Control		Energy Science and Engineering Materials Science and Engineering
Associate Professor	HAYASHI, Tomohiro	Nanobio science, Biointerface & Biomaterials, Materials Informatics		Human Centered Science and Biomedical Engineering
Associate Professor	HIRAMATSU, Hidenori	Superconducting Materials and Devices		Materials Science and Engineering
Associate Professor	HOSHINA, Takuya	Dielectric and Ferroelectric Materials, Phonon Analysis		Materials Science and Engineering
Associate Professor	ISHIKAWA, Ken	Optical and Electrical Properties of Organic Materials		Materials Science and Engineering Energy Science and Engineering
Associate Professor	ISOBE, Toshihiro	Environmental Ceramics, Porous ceramics, Membrane, Functional ceramics		Materials Science and Engineering
Associate Professor	KAMATA, Keigo	Catalytic Chemistry, Environment-Friendly Chemical Process		Materials Science and Engineering Energy Science and Engineering
Associate Professor	KATASE, Takayoshi	Oxide electronics, Energy materials, Thin film device		Materials Science and Engineering
Associate Professor	KAWAMURA, Kenichi	High Temperature Physical Chemistry, Solid State Ionics		Materials Science and Engineering
Associate Professor	KITANO, Masaaki	Heterogeneous Catalyst, Ammonia Synthesis, Acid Base Catalyst		Materials Science and Engineering
Associate Professor	KOBAYASHI, Equo	Physical Metallurgy of Non-ferrous Metals and Intermetallics, Design and Evaluation of Biomedical Materials		Materials Science and Engineering Human Centered Science and Biomedical Engineering
Associate Professor	KOBAYASHI, Satoru	Phase diagrams and phase transformations in alloys, Physical metallurgy of ferrous alloys, Heat resistant steels and alloys		Materials Science and Engineering
Associate Professor	KUMAGAI, Yu	Development and application of first-principles calculations for semiconductor material sciences		Materials Science and Engineering
Associate Professor	MATSUISHI, Satoru	Synthesis and Characterization of Superconducting and Electro-Active Materials		Materials Science and Engineering
Associate Professor	MATSUSHITA, Sachiko	Thermoelectronics, Plasmonics, Fabrication of Nanostructures		Materials Science and Engineering Energy Science and Engineering
Associate Professor	MICHINOBU, Tsuyoshi	Polymer Synthesis, Semiconducting Polymers		Materials Science and Engineering
Associate Professor	MURAISHI, Shirji	Micromechanics, Nanostructured Material, Crystal Defects		Materials Science and Engineering
Associate Professor	NAKADA, Nobuo	Microstructure and Mechanical Properties of Iron and Steels		Materials Science and Engineering
Associate Professor	NAKAMURA, Kazutaka	Laser Spectroscopy		Materials Science and Engineering
Associate Professor	NAKATSUJI, Kan	Surface and Interface Physics		Materials Science and Engineering
Associate Professor	SAGARA, Yoshimitsu	Organic Supramolecules, Stimuli-responsive Luminescent Materials, Mechanophores		Materials Science and Engineering

Associate Professor	SANNOMIYA, Takumi	Plasmonic Materials, Electron Microscopy		Materials Science and Engineering Human Centered Science and Biomedical Engineering Energy Science and Engineering
Associate Professor	SASAGAWA, Takao	Strongly Correlated Electron Systems		Materials Science and Engineering Energy Science and Engineering
Associate Professor	SHIOYA, Masatoshi	Structure and Mechanical Properties of Carbon Materials, Fibers and Composite Materials		Materials Science and Engineering
Associate Professor	TADA, Eiji	Corrosion and Environmental Degradation of Materials		Materials Science and Engineering
Associate Professor	TAHARA, Masaki	Functional metal material, Diffusionless phase transformation, Metallography, Biomedical Ti alloy		Materials Science and Engineering Human Centered Science and Biomedical Engineering
Associate Professor	TERADA, Yoshihiro	Microstructure Control, Mechanical Properties, Heat-Resistant Materials		Materials Science and Engineering
Associate Professor	TSUGE, Takeharu	Biodegradable Plastics		Materials Science and Engineering Human Centered Science and Biomedical Engineering
Associate Professor	UEDA, Mitsutoshi	High Temperature Oxidation of Metals, Defect Chemistry in Oxides, Physical Chemistry at High Temperature		Energy Science and Engineering Materials Science and Engineering
Associate Professor	YAMAMOTO, Takafumi	Solid state chemistry, functional inorganic materials (magnetism, superconductivity, photofunctionality, catalytic property, etc)		Materials Science and Engineering
Associate Professor	YASUDA, Kouichi	Engineering Ceramics and Composites, Micromechanics, Fracture Statistics		Materials Science and Engineering Energy Science and Engineering
Associate Professor	YOSHIDA, Katsumi	Severe environment resistant materials, Materials for nuclear and fusion applications, Ceramic-based composites, High performance porous ceramics		Nuclear Engineering
Specialty Appointed Associate Professor	DAS, HENA	Theoretical Materials Science and Condensed Matter Physics		Materials Science and Engineering
Associate Professor (Lecturer)	MATSUDA, Akifumi	Atomic-scale Materials Engineering, Materials for Electronics and Energy Applications		Materials Science and Engineering Energy Science and Engineering

(11)Dept. of Chemical Science and Engineering

	Academic Supervisor	Research Field	Remarks	Graduate Major
Professor	ANDO, Shinji	Structure and Physical Properties of Polymeric Functional Materials in Solids, Polymer Spectroscopy and Characterization		Chemical Science and Engineering□
Professor	ARAI, Hajime	Secondary battery, Metal-air battery, Electrochemistry, Operando (In situ) analysis		Energy Science and Engineering Chemical Science and Engineering
Professor	FUKUSHIMA, Takanori	Organic Functional Materials, Nanomaterials, π -Electronic Systems, Molecular Assembly		Chemical Science and Engineering
Professor	HARA, Masahiko	Materials Chemistry, Self-Assembly, Surface & Interface, Scanning Probe Microscopy, Nanophotonics, Biointerface, Chemical Evolution & Origins of Life	also Affiliated Faculty at Earth-Life Science Institute (Okayama Campus) Master's program only	Chemical Science and Engineering Energy Science and Engineering
Professor	HIRAYAMA, Masaaki	Energy Conversion Materials, Inorganic and Solid State Chemistry, Electrochemical Interface		Energy Science and Engineering Chemical Science and Engineering
Professor	IHARA, Manabu	Energy Conversion on Chemical Engineering, Electrochemistry, Fuel Cells, Solar Cells, Energy system		Energy Science and Engineering Chemical Science and Engineering
Professor	ISHIZONE, Takashi	Polymer Synthesis, Living Polymerization		Chemical Science and Engineering
Professor	KATO, Yukitaka	Energy Conversion, Energy Storage, Chemical Heat Pump, Carbon Recycling Energy System, Hydrogen Energy, Nuclear Energy Utilization System		Nuclear Engineering□
Professor	KUBOUCHI, Masatoshi	Polymeric Materials for Chemical Plant, Composite Materials, Material Science		Chemical Science and Engineering□
Professor	MURAHASHI, Tetsuro	Synthetic Inorganic and Organometallic Chemistry, Coordination Chemistry		Chemical Science and Engineering□
Professor	NAKAJIMA, Ken	Polymer Physics, Rubber Industry, Atomic Force Microscopy		Chemical Science and Engineering□
Professor	OKOCHI, Mina	Biochemical Engineering, Peptide Engineering, Biosensing, Biotechnology, Medical and Biological Engineering		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		Energy Science and Engineering Chemical Science and Engineering
Professor	SEKIGUCHI, Hidetoshi	Plasma Processing, Thermo-chemical Engineering		Chemical Science and Engineering Energy Science and Engineering
Professor	SERIZAWA, Takeshi	Biomacromolecular Chemistry, Biomaterials Science and Engineering, Molecular Assembly		Chemical Science and Engineering□
Professor	SHIMOYAMA, Yusuke	Separation Engineering, Pharmaceutical · food · cosmetic formulation, Flow process, CO ₂ utilization as solvent		Chemical Science and Engineering Energy Science and Engineering
Professor	SHISHIDO, Atsushi	Polymer Physical Chemistry, Liquid Crystals, Optical Function, Mechanical Function		Chemical Science and Engineering Energy Science and Engineering
Professor	TAGO, Teruoki	Chemical Reaction Engineering, Catalytic Reaction Engineering, Catalyst & Environmental Chemical Process		Chemical Science and Engineering Energy Science and Engineering
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
Professor	TOMITA, Ikuyoshi	Polymer Synthetic Chemistry		Energy Science and Engineering Chemical Science and Engineering
Professor	YAMAGUCHI, Takeo	Fuel Cell Engineering, Bio-inspired Materials, Membrane Science		Chemical Science and Engineering Energy Science and Engineering
Professor	YAMAMOTO, Kimihisa	Nano-materials Chemistry, Metallochemistry, Macromolecular Science		Chemical Science and Engineering
Professor	YAMANAKA, Ichiro	Catalysis, Electrocatalysis, Oxidation		Chemical Science and Engineering Energy Science and Engineering
Professor	YOSHIZAWA, Michito	Supramolecular Chemistry, Synthetic Chemistry, Nanospace, Water, Photofunction, Biosensor		Chemical Science and Engineering
Specialty Appointed Professor	OOKAWARA, Shinichi	Microfluidic Transport Phenomena, CFD (Computational Fluid Dynamics), Microreactor		Chemical Science and Engineering□
Visiting Professor	TATEYAMA, Yoshitaka	Quantum chemistry calculations, Electrochemistry	Doctoral program only	Chemical Science and Engineering□

Associate Professor	AOKI, Saiko	Tribology, Lubricating oil and additives, Surface Engineering		Chemical Science and Engineering Energy Science and Engineering
Associate Professor	FUCHINO, Tetsuo	Process Systems Engineering, Product Management		Chemical Science and Engineering□
Associate Professor	FURUYA, Hidemine	Structures and Physical Properties of Polymers		Chemical Science and Engineering
Associate Professor	HARADA, Takuya	Carbon Capture & Utilization, Inorganic Materials, Chemical Pprocess Engineering, Low-carbon Energy System, Nuclear Energy		Chemical Science and Engineering□
Associate Professor	IMAOKA, Takane	π -Conjugating Molecular Chemistry, Electron Transfer Chemistry, Nanomaterial Science		Chemical Science and Engineering□
Associate Professor	INAGI, Shinsuke	Organic Electrochemistry, Polymer Chemistry		Energy Science and Engineering Chemical Science and Engineering
Associate Professor	ITO, Shigekazu	Physical Organic Chemistry, Organic Synthesis, Main Group Chemistry, Muon Science		Chemical Science and Engineering□
Associate Professor	KITAMURA, Fusao	Electrochemistry, Spectroscopy, In-situ Spectroelectrochemistry		Energy Science and Engineering□
Associate Professor	KONISHI, Gen-ichi	Polymer Synthesis, Photochemistry		Chemical Science and Engineering□
Associate Professor	KUBO, Shoichi	Polymer science, Nanoparticles, Hybrid materials, Photonics, Liquid crystals		Chemical Science and Engineering Energy Science and Engineering
Associate Professor	KUWATA, Shigeki	Coordination Chemistry, Organometallic Chemistry		Chemical Science and Engineering Energy Science and Engineering
Associate Professor	MATSUMOTO, Hideyuki	Process Systems Engineering, Process Intensification, Process Informatics, Renewable Energy, Nitrogen Cycle		Chemical Science and Engineering Energy Science and Engineering
Associate Professor	MORI, Shinsuke	Plasma Processing, Heat Transfer		Chemical Science and Engineering Energy Science and Engineering
Associate Professor	MOTOKURA, Ken	Heterogeneous Catalysis, Organic Chemistry		Human Centered Science and Biomedical Engineering Chemical Science and Engineering
Associate Professor	NAKAZONO, Kazuko	Polymer synthesis, Supramolecular Chemistry		Energy Science and Engineering Chemical Science and Engineering
Associate Professor	SAITO, Reiko	Polymer Synthesis, Template Polymerization, Organic-inorganic Composites		Energy Science and Engineering Chemical Science and Engineering
Associate Professor	SHIMIZU, Ryota	Inorganic Solid-State Chemistry, Surface/Interface Science, Materials Informatics		Energy Science and Engineering 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	TAKAO, Koichiro	Actinide Chemistry, Coordination Chemistry, Nuclear Fuel Cycle, Fuel Reprocessing, Radioactive Wastes, Decontamination		Nuclear Engineering□
Associate Professor	TAKAO, Toshiro	Organometallic Chemistry, Inorganic Chemistry		Chemical Science and Engineering□
Associate Professor	TAMAKI, Takanori	Energy Materials, Biomaterials, Bioelectrochemistry		Chemical Science and Engineering Energy Science and Engineering
Associate Professor	TANAKA, Hiroshi	Synthetic Organic Chemistry, Chemical Biology, Natural Product Chemistry		Chemical Science and Engineering□
Associate Professor	TANIGUCHI, Izumi	Aerosol Science and Technology, Powder Technology, Functional Material Processing, Energy Materials		Chemical Science and Engineering Energy Science and Engineering
Associate Professor	TOKITA, Masatoshi	Polymer Structures and Properties, Liquid Crystals, Polymer Brushes		Chemical Science and Engineering
Associate Professor	TOYODA, Sakae	Environmental Chemistry, Material Cycle Analysis		Energy Science and Engineering Energy Science and Engineering
Associate Professor	TSUKAHARA, Takehiko	Analytical Chemistry, Radioanalytical Chemistry, Nuclear Waste Management, Environmental Chemistry, Nuclear Fuel Cycle, Micro-Nano Chemistry, Functional Nanomaterials		Nuclear Engineering□
Associate Professor	WADA, Hiroyuki	Optical Materials, Nanoparticles		Energy Science and Engineering Chemical Science and Engineering Human Centered Science and Biomedical Engineering
Associate Professor	WAKI, Keiko	Fuel Cell, Lithium battery, Solar Cell		Energy Science and Engineering Chemical Science and Engineering
Associate Professor	YAMADA, Keita	Organic Geochemistry, Isotope Chemistry		Chemical Science and Engineering Energy Science and Engineering
Associate Professor	YOKOI, Toshiyuki	Catalytic Chemistry, Nanospace Catalysts, Zeolite Science, Green Chemistry		Chemical Science and Engineering
Associate Professor	YOSHIKAWA, Shiro	Fluid Dynamics, Transport Phenomena		Chemical Science and Engineering□

School of Computing

(12) Dept. of Mathematical and Computing Science

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	ENDO, Toshio	High-Performance Computing, Parallel Software	GSIC	Mathematical and Computing Science
Professor	ITOH, Toshiya	Complexity Theory, Approximation Algorithms, Online Algorithms		Mathematical and Computing Science
Professor	KANAMORI, Takafumi	Mathematical Statistics, Machine Learning		Mathematical and Computing Science
Professor	MASUHARA, Hidehiko	Programming Languages, Software Development Environment		Mathematical and Computing Science
Professor	MINAMIDE, Yasuhiko	Software Verification, Programming Languages		Mathematical and Computing Science
Professor	MIYOSHI, Naoto	Applied Probability, Stochastic Models		Mathematical and Computing Science
Professor	NISHIBATA, Shinya	Theory of Partial Differential Equations		Mathematical and Computing Science
Professor	TAKAYASU, Misako	Statistical Physics, Econophysics, Complex Networks	IIR	Artificial Intelligence Mathematical and Computing Science
Professor	TANAKA, Keisuke	Cryptocurrency and Blockchain Technology, Cybersecurity, Theory of Cryptography		Mathematical and Computing Science
Professor	UMEHARA, Masaaki	Differential Geometry		Mathematical and Computing Science
Professor	WATANABE, Sumio	Statistical Learning Theory, Mathematical Physics		Mathematical and Computing Science

Associate Professor	KASHIMA, Ryo	Mathematical Logic, Non-Classical Logics		Mathematical and Computing Science
Associate Professor	MIURA, Hideyuki	Theory of Partial Differential Equations		Mathematical and Computing Science
Associate Professor	MUROFUSHI, Toshiaki	Set Functions, Piecewise Linear Functions, Information Visualization, Formal Concept Analysis		Mathematical and Computing Science Artificial Intelligence
Associate Professor	NAKANO, Yumiharu	Stochastic Differential Equations, Stochastic Control		Mathematical and Computing Science
Associate Professor	SHUDO, Kazuyuki	Distributed Systems		Mathematical and Computing Science
Associate Professor	SUZUKI, Sakie	Knot Theory, Quantum Topology		Mathematical and Computing Science
Associate Professor	WAKITA, Ken	Information Visualization, Social Network Visualization, Programming Languages		Mathematical and Computing Science
Associate Professor	YAMASHITA, Makoto	Mathematical Optimization, Continuous Optimization		Mathematical and Computing Science
Associate Professor (Lecturer)	SUMITA, Hanna	Combinatorial Optimization, Discrete Structure, Algorithms		Mathematical and Computing Science
Associate Professor (Lecturer)	TSUCHIOKA, Shunsuke	Quantum Algebra, Representation Theory		Mathematical and Computing Science
Assistant Professor	MORI, Ryuhei	Quantum Information, Information Theory, Theoretical Computer Science		Mathematical and Computing Science

(13)Dept. of Computer Science

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	AKIYAMA, Yutaka	Bioinformatics		Artificial Intelligence Computer Science
Professor	DEFAGO, Xavier	Distributed Algorithms, Dependable Systems, Cooperative Mobile Robots		Computer Science Artificial Intelligence
Professor	GONDOW, Katsuhiko	Software Development Environments		Computer Science Artificial Intelligence
Professor	ISHII, Hideaki	Systems and Control, Control Over Networks		Artificial Intelligence Computer Science
Professor	KOIKE, Hideki	Human-Computer Interaction, Graphics & Vision		Computer Science Artificial Intelligence
Professor	MIYAKE, Yoshihiro	Co-creation System, Communication Science, Self-Organization, Human Interface (VR/AR), Human-Robot Interaction		Artificial Intelligence Computer Science
Professor	MIYAZAKI, Jun	Large Scale Computing, Information Retrieval/Recommendation		Computer Science Artificial Intelligence
Professor	MURATA, Tsuyoshi	Artificial Intelligence, Machine Learning, Social Network Analysis, Web Mining		Artificial Intelligence Computer Science
Professor	NISHIZAKI, Shinya	Semantics of Programming Languages, Software Science		Computer Science Artificial Intelligence
Professor	OKAZAKI, Naoaki	Natural Language Processing, Artificial Intelligence, Deep Learning, Social Media Analytics		Artificial Intelligence Computer Science
Professor	SHINODA, Koichi	Statistical Pattern Recognition, Audio and Video Scene Understanding		Artificial Intelligence Computer Science
Professor	TOKUNAGA, Takenobu	Computational Linguistics, Natural Language Processing		Artificial Intelligence Computer Science
Professor	WATANABE, Takuo	Reflection and Metaprogramming, Concurrency, Programming Languages, Formal Methods		Computer Science Artificial Intelligence
Professor	YAMAMURA, Masayuki	DNA Computing, Natural Computing, Systems Biology		Artificial Intelligence Computer Science
Professor	YOKOTA, Haruo	Data Engineering, Dependable Systems	Master's program only	Computer Science Artificial Intelligence
Associate Professor	AONISHI, Toru	Computational Neuroscience, Statistical Mechanics		Artificial Intelligence Computer Science
Associate Professor	FUJII, Atsushi	Natural Language Processing, Information Retrieval, Web Mining		Artificial Intelligence Computer Science
Associate Professor	HAYASHI, Shinpei	Software engineering		Computer Science Artificial Intelligence
Associate Professor	ISHIDA, Takashi	Data Mining, Bioinformatics		Artificial Intelligence Computer Science
Associate Professor	KANEKO, Haruhiko	Dependable System, Joint Coding Theory		Computer Science Artificial Intelligence
Associate Professor	KANEZAKI, Asako	Machine Learning, Robotics, Pattern Recognition, Computer Vision, 3D Object Recognition		Artificial Intelligence Computer Science
Associate Professor	KISE, Kenji	Computer Architecture		Computer Science Artificial Intelligence
Associate Professor	KOBAYASHI, Takashi	Software Engineering		Computer Science Artificial Intelligence
Associate Professor	MUROFUSHI, Toshiaki	Non-additive measure theory, Theory of set functions, Theory of piecewise linear functions, Information visualization		Artificial Intelligence
Associate Professor	ONO, Isao	Evolutionary Computation, Optimization		Artificial Intelligence Computer Science
Associate Professor	ONO, Shunsuke	Signal Processing, Image Processing, Mathematical Optimization, Data Science & AI		Artificial Intelligence Computer Science
Associate Professor	SAITO, Suguru	Computer Graphics, Image Processing		Artificial Intelligence Computer Science
Associate Professor	SEKIJIMA, Masakazu	Bioinformatics, Chemoinformatics, Supercomputing		Artificial Intelligence Computer Science

Associate Professor	SHIMOSAKA, Masamichi	Machine Intelligence, Machine learning, Pattern recognition, Crowd Sensing, Ubiquitous Computing		Artificial Intelligence Computer Science
Associate Professor	TAKINOUE, Masahiro	Biophysics, Nonlinear Nonequilibrium Science, Microfluidics, Artificial Cell, Molecular Robotics		Artificial Intelligence Computer Science
Associate Professor	YOKOTA, Rio	High Performance Computing, Large-scale Parallel Computing, N-Body Algorithms, Fluid Simulation, Molecular Simulation		Computer Science Artificial Intelligence
Specially Appointed Associate Professor	KAWAKAMI, Rei	Computer Vision, Image Processing, Multimedia Signal Processing, AR/VR/XR, Anomaly Detection		Artificial Intelligence
Specially Appointed Associate Professor	SATO, Ikuro	Pattern Recognition, Machine Learning, Image Sensing, Autonomous Driving		Artificial Intelligence
Assistant Professor (Tenure Track)	INOUE, Nakamasa	Multimedia Analysis, Video Retrieval, Image Recognition, Speech Recognition, Deep Learning, Artificial Intelligence		Artificial Intelligence Computer Science
Assistant Professor (Tenure Track)	ITOH, Yuta	Augmented Reality, Virtual Reality, Augmented Human, Head-Mounted Display, Vision Augmentation		Computer Science Artificial Intelligence
Assistant Professor (Tenure Track)	OHUE, Masahito	Bioinformatics, Machine Learning, Chemoinformatics, Supercomputing, Biophysics		Artificial Intelligence Computer Science

School of Life Science and Technology

(14) Dept. of Life Science and Technology

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	FUJII, Masaaki	Physical Chemistry, Laser Spectroscopy, Cluster		Human Centered Science and Biomedical Engineering Life Science and Technology
Professor	FUKUI, Toshiaki	Genetic Engineering, Metabolic Engineering, Extremophiles		Life Science and Technology
Professor	HISABORI, Toru	Bioenergetics, Plant Biochemistry	Master's program only	Human Centered Science and Biomedical Engineering Life Science and Technology
Professor	HONGO, Yuichi	Molecular Microbial Ecology, Symbiosis		Life Science and Technology
Professor	ICHINOSE, Hiroshi	Neurochemistry, Molecular Biology, Neuroscience		Life Science and Technology Human Centered Science and Biomedical Engineering
Professor	ISHII, Yoshitaka	Physical Chemistry, Structural Biology, Alzheimer's Disease		Life Science and Technology
Professor	ITOH, Takehiko	Bioinformatics		Life Science and Technology
Professor	IWASAKI, Hiroshi	Molecular Genetics and Molecular Biology		Life Science and Technology
Professor	KAMACHI, Toshiaki	Bioinorganic Chemistry, Cellular Imaging of Oxygen		Life Science and Technology Human Centered Science and Biomedical Engineering
Professor	KIMURA, Hiroshi	Epigenetics and Cell Biology		Life Science and Technology
Professor	KINBARA, Kazushi	Bioinspired Synthetic Chemistry		Life Science and Technology
Professor	KITAO, Akio	Computational Biology, Biophysics, Computational Chemistry, Protein Dynamics		Life Science and Technology
Professor	KOBATAKE, Eiry	Protein Engineering, Cellular Engineering, Biosensing		Life Science and Technology Human Centered Science and Biomedical Engineering
Professor	KONDOH, Shinae	In Vivo Imaging, Cancer Biology, Drug Development	Master's program only	Human Centered Science and Biomedical Engineering Life Science and Technology
Professor	KUME, Shoen	Stem Cell Biology, Regenerative Medicine		Life Science and Technology
Professor	MARUYAMA, Atsushi	Biomaterials, Bioconjugates, Biofunctional Polymers, Smart Materials, Drug delivery systems, Biosensing, Nanobioscience		Life Science and Technology Human Centered Science and Biomedical Engineering
Professor	MIHARA, Hisakazu	Bioorganic Chemistry and Peptide Chemistry		Life Science and Technology Human Centered Science and Biomedical Engineering
Professor	MURAKAMI, Satoshi	Structural Biology, Protein Crystallography		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
Professor	OHTA, Hiroyuki	Plant Molecular Biology	Master's program only	Life Science and Technology
Professor	TAGUCHI, Hideki	Biophysical Chemistry, Protein Folding, Chaperone, Amyloid/Prion, Translation		Life Science and Technology
Professor	TANAKA, Kan	Evolutional Cell Biology, Cell Cycle, Signal Transduction, Stress Response, Microbiology, Metabolic Regulation, Symbiosis, Organelle, Chloroplast, Mitochondria, Transcriptional Regulation, Plant Physiology, Photosynthesis		Human Centered Science and Biomedical Engineering Life Science and Technology
Professor	TOKUNAGA, Makio	Single Molecule Biology, Nuclear Dynamics, Transcription Regulation, Super-resolution Imaging		Life Science and Technology
Professor	UEDA, Hiroshi	Bioprocess and Protein Engineering, Antibody Engineering, Analytical Chemistry, Biosensors		Human Centered Science and Biomedical Engineering Life Science and Technology
Professor	UENO, Takafumi	Bioinorganic Chemistry, Biophysical Chemistry, Biosupramolecular Chemistry		Life Science and Technology
Professor	URABE, Hirokazu	Organic Synthesis, Asymmetric Synthesis		Life Science and Technology
Professor	YAMAGUCHI, Yuki	Control of Gene Expression, Epigenetics, RNA Processing, Drug Discovery		Life Science and Technology
Professor	YAMAMOTO, Naoyuki	Applied Microbiology, Probiotics and Biogenics		Human Centered Science and Biomedical Engineering Life Science and Technology

Professor	YAMAMURA, Masayuki	Systems Biology, Synthetic Biology, Bioinformatics, DNA Computing, Artificial Life, Symbiotic Ecosystems		Life Science and Technology
Professor	YANAGIDA, Yasuko	Bio-MEMS/NEMS, Biosensing, Biofunctional Engineering		Human Centered Science and Biomedical Engineering
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	AKAMA, Hiroyuki	Brain Image Analysis(fMRI) and Machine Learning, Complex Networks, Computational Neurolinguistics		Human Centered Science and Biomedical Engineering Life Science and Technology
Associate Professor	FUJITA, Naonobu	Cell and Developmental Biology		Life Science and Technology
Associate Professor	HATA, Takeshi	Organic Synthesis, Asymmetric Synthesis		Life Science and Technology
Associate Professor	HAYASHI, Nobuhiro	Molecular Biology and Proteomics		Life Science and Technology Human Centered Science and Biomedical Engineering
Associate Professor	HIRASAWA, Takashi	Applied Microbiology and Metabolic Engineering		Life Science and Technology
Associate Professor	HIROTA, Junji	Molecular Neuroscience		Life Science and Technology
Associate Professor	HOSHINO, Ayuko	Exosome biology/ cancer/ metastasis/ autism/ molecular biology/ biomarker/ multiple organ interaction/ microenvironment		Life Science and Technology Human Centered Science and Biomedical Engineering
Associate Professor	IMAMURA, Sousuke	Plant Molecular Biology, Gene Regulation, Genetic Engineering, Biofuel, Algal Biomass		Human Centered Science and Biomedical Engineering Life Science and Technology
Associate Professor	KATO, Akira	Epithelial Transport, Animal Physiology		Life Science and Technology
Associate Professor	KAWAKAMI, Atsushi	Developmental Genetics, Regenerative Biology		Life Science and Technology
Associate Professor	KITAGUCHI, Tetsuya	Bioimaging, Protein Engineering, Biosensors		Human Centered Science and Biomedical Engineering Life Science and Technology
Associate Professor	MASUDA, Shinji	Plant Molecular Biology and Photobiology		Life Science and Technology
Associate Professor	MATSUDA, Tomoko	Bioorganic Chemistry, Biocatalysis, Green Chemistry		Life Science and Technology
Associate Professor	McGLYNN, Shawn	Enzyme evolution, prebiotic chemistry, microbial ecology, stable isotope fractionation, geomicrobiology		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	MIURA, Yutaka	Polymer synthesis, Drug Delivery System, Biomaterials Science		Human Centered Science and Biomedical Engineering Life Science and Technology
Associate Professor	MIYASHITA, Eizo	Systems Neuroscience		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	NAKAMURA, Nobuhiro	Molecular Cell Biology		Life Science and Technology
Associate Professor	NAKATOGAWA, Hitoshi	Molecular Cell Biology and Biochemistry		Life Science and Technology
Associate Professor	NIKAI, Masato	Molecular Evolutionary Biology		Life Science and Technology
Associate Professor	OGURA, Shun-ichiro	Molecular Biology, Alternative Therapy for Tumor, Biomolecular Engineering, Biomarker		Human Centered Science and Biomedical Engineering Life Science and Technology
Associate Professor	OHKUBO, Akhiro	Bioorganic Chemistry		Life Science and Technology Human Centered Science and Biomedical Engineering
Associate Professor	OKADA, Satoshi	Molecular imaging, Chemical biology, Nanotechnology		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	OSADA, Toshiya	Neuroscience		Life Science and Technology
Associate Professor	SEIO, Kohji	Bioorganic Chemistry		Life Science and Technology Human Centered Science and Biomedical Engineering
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	TACHIBANA, Kazunori	Chronobiology, oogenesis, sleep, longevity		Life Science and Technology
Associate Professor	TAGAWA, Yoh-ichi	Developmental Engineering, Molecular Biology, Artificial Organ, Immunology		Life Science and Technology
Associate Professor	TAKINOUE, Masahiro	Synthetic biology, DNA nanotechnology, Artificial cell engineering, Biophysics		Life Science and Technology
Associate Professor	TANAKA, Mikiko	Developmental Biology		Life Science and Technology
Associate Professor	TSUTSUMI, Hiroshi	Chemical Biology		Life Science and Technology
Associate Professor	WAKABAYASHI, Ken-ichi	Cell Biology, Cell Motility, Biochemistry		Human Centered Science and Biomedical Engineering Life Science and Technology
Associate Professor	YAGI, Tohru	Neural Engineering, Human Interface, Vision		Human Centered Science and Biomedical Engineering
Associate Professor	YAMADA, Takuji	Genome Science and Bioinformatics		Life Science and Technology

Associate Professor	YATSUNAMI, Rie	Extremophile, Extremozyme, Protein Engineering, Directed Evolution, Metabolic Engineering,		Life Science and Technology
Associate Professor (Lecturer)	ASAKURA, Noriyuki	Bioinorganic Chemistry, Biological Electron Transfer		Life Science and Technology
Associate Professor (Lecturer)	FUJIE, Toshinori	Biomaterials, Polymer Science, Tissue Engineering, Bioelectronics		Life Science and Technology Human Centered Science and Biomedical Engineering
Associate Professor (Lecturer)	KAJIKAWA, Masaki	Molecular Biology		Life Science and Technology
Assistant Professor	KADONOSONO, Tetsuya	Medical Protein Engineering		Human Centered Science and Biomedical Engineering Life Science and Technology

School of Environment and Society

(15) Dept. of Architecture and Building Engineering

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	FUJII, Haruyuki	Design Science, Architectural Planning and Environmental Design Theories		Engineering Sciences and Design Architecture and Building Engineering
Professor	IKARASHI, Kikuo	Steel Structures		Architecture and Building Engineering
Professor	KONO, Susumu	Reinforced and prestressed concrete structures, Earthquake Engineering		Architecture and Building Engineering Urban Design and Built Environment
Professor	MATSUOKA, Masashi	Remote Sensing and Geoinformatics for Disaster Management		Urban Design and Built Environment
Professor	MOTOYUI, Shojiro	Structural Engineering		Urban Design and Built Environment
Professor	NAKAI, Norihiro	Urban Planning, Urban Policy, Urban Design		Urban Design and Built Environment
Professor	OKUYAMA, Shin-ichi	Architectural Design		Architecture and Building Engineering Urban Design and Built Environment
Professor	OSARAGI, Toshihiro	Spatial Analysis and Planning, Disaster Mitigation Planning, Spatial Information Science		Architecture and Building Engineering Urban Design and Built Environment
Professor	SAITO, Ushio	Landscape Planning and Design		Urban Design and Built Environment
Professor	SAKANO, Tatsuuro	Organizational Design, Planning Theory, Public Management		Urban Design and Built Environment
Professor	SAKATA, Hiroyasu	Concrete Structure, Timber Structure		Architecture and Building Engineering Urban Design and Built Environment
Professor	TAKEUCHI, Toru	Steel Structure, Structural design, Seismic Control		Architecture and Building Engineering
Professor	TSUKAMOTO, Yoshiharu	Architectural Design and Urban Research, Architectural Behaviorology		Architecture and Building Engineering
Professor	YAMANAKA, Hiroaki	Earthquake Engineering, Strong Motion Seismology		Urban Design and Built Environment
Professor	YASUDA, Koichi	Architectural Design		Architecture and Building Engineering Engineering Sciences and Design
Professor	YOKOYAMA, Yutaka	Building Materials		Architecture and Building Engineering
Associate Professor	ASAWA, Takashi	Urban and Built Environmental Engineering		Urban Design and Built Environment
Associate Professor	DOHI, Masato	Community Planning and Design		Urban Design and Built Environment
Associate Professor	FUJITA, Yasuhiro	History of Architecture and Cities		Urban Design and Built Environment
Associate Professor	FURUYA, Hiroshi	Aerospace Engineering, Multidisciplinary Structural Optimization		Urban Design and Built Environment
Associate Professor	HOTTA, Hisato	Composite Structures		Architecture and Building Engineering
Associate Professor	KAGI, Naoki	Environmental Engineering, Building Services, Indoor Air Quality, Air Cleaning		Architecture and Building Engineering
Associate Professor	KISHIKI, Shoichi	Base-Isolation and Passive Control Structure, Seismic Retrofit for Existing Buildings, Post-Earthquake Damage Evaluation and Rehabilitation		Architecture and Building Engineering Urban Design and Built Environment
Associate Professor	MANO, Yosuke	Urban Planning		Urban Design and Built Environment
Associate Professor	MIKAMI, Takamasa	Performance Evaluation of Building Elements, Safety Evaluation of Residential Environment		Architecture and Building Engineering
Associate Professor	MURATA, Ryo	Architectural Design		Architecture and Building Engineering Engineering Sciences and Design
Associate Professor	MUROMACHI, Yasunori	Transport and the Environment, Travel Behavior		Urban Design and Built Environment
Associate Professor	NASU, Satoshi	Architectural Design and Theory, Public Space and Community Design		Urban Design and Built Environment
Associate Professor	NISHIMURA, Koshiro	Concrete Structures, Earthquake Engineering		Architecture and Building Engineering Urban Design and Built Environment
Associate Professor	OKAZE, Tsubasa	Urban environmental engineering Snow engineering Disaster resilience for architectural and urban environment		Urban Design and Built Environment

Associate Professor	OKI, Takuya	Architectural planning, Spatiotemporal analysis, Big data analysis		Architecture and Building Engineering
Associate Professor	SAIO, Naoko	Architectural Planning, Urban and Rural Planning		Architecture and Building Engineering
Associate Professor	SANADA, Junko	Rural landscape and development		Urban Design and Built Environment
Associate Professor	SATO, Daiki	Structural Engineering, Earthquake Engineering and Wind Engineering		Urban Design and Built Environment Architecture and Building Engineering
Associate Professor	SHIOZAKI, Taishin	Architectural Design		Architecture and Building Engineering
Associate Professor	SOSHIRODA, Akira	Tourism Planning, Development Process of Resorts		Urban Design and Built Environment
Associate Professor	TAMURA, Shuji	Geotechnical Earthquake Engineering		Architecture and Building Engineering
Associate Professor	YUASA, Kazuhiro	Environmental Engineering, Building Services		Architecture and Building Engineering Engineering Sciences and Design

(16) Dept. of Civil and Environmental Engineering

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	ASAKURA, Yasuo	Transportation Planning & Engineering	Retire in March, 2022.	Civil Engineering Urban Design and Built Environment
Professor	HANAOKA, Shinya	Transport Development Studies, Logistics, Air Transport		Civil Engineering
Professor	HIROSE, Sohichi	Applied Mechanics, Nondestructive Evaluation	Retire in March, 2023.	Civil Engineering
Professor	IWANAMI, Mitsuyasu	Infrastructure Management, Marine Structure Engineering		Civil Engineering
Professor	KANAE, Shinjiro	Hydrology, Hydrologic Cycle, Water Resources		Civil Engineering
Professor	KANDA, Manabu	Regional Atmospheric Environment		Civil Engineering
Professor	KINOUCHI, Tsuyoshi	Watershed Hydrology, Environmental Hydrology		Civil Engineering
Professor	KITAZUME, Masaki	Soil Mechanics & Geotechnical Engineering	Retire in March, 2022.	Engineering Sciences and Design Civil Engineering
Professor	MATSUOKA, Masashi	Remote Sensing and Geoinformatics for Disaster Management		Urban Design and Built Environment
Professor	MORIKAWA, Hitoshi	Earthquake Engineering		Urban Design and Built Environment
Professor	NAKAI, Norihiro	Urban Planning, Urban Policy, Urban Design	Retire in March, 2023.	Urban Design and Built Environment
Professor	SAITO, Ushio	Landscape Planning and Design	Retire in March, 2023.	Urban Design and Built Environment
Professor	SAKANO, Tatsuro	Organizational Design, Planning Theory, Public Management	Retire in March, 2022.	Urban Design and Built Environment
Professor	TAKAHASHI, Akihiro	Geotechnical Engineering		Civil Engineering
Professor	YAI, Tetsuo	Transportation Planning	Retire in March, 2023.	Urban Design and Built Environment Civil Engineering
Professor	YAMANAKA, Hiroaki	Earthquake Engineering, Strong Motion Seismology		Urban Design and Built Environment
Associate Professor	CHIJIWA, Nobuhiro	Multi-Scale Dynamics of Structural Concrete, Performance Assessment of Deteriorated Structure		Civil Engineering
Associate Professor	DOHI, Masato	Community Planning and Design		Urban Design and Built Environment
Associate Professor	FUJII, Manabu	Water and Environmental Engineering, Water Chemistry, Environmental Quantum Chemistry		Civil Engineering
Associate Professor	MANO, Yosuke	Urban Planning		Urban Design and Built Environment
Associate Professor	MUROMACHI, Yasunori	Transport and the Environment, Travel Behavior		Urban Design and Built Environment Civil Engineering
Associate Professor	NAKAMURA, Takashi (中村 恭志)	Computational Environmental Fluid Dynamics, Computational Scheme, Multi Physics Simulation		Civil Engineering
Associate Professor	NAKAMURA, Takashi (中村 隆志)	Coastal Ecosystem Modeling Biogeochemistry		Civil Engineering
Associate Professor	SANADA, Junko	Rural Landscape and Development		Urban Design and Built Environment
Associate Professor	SASAKI, Ei-ichi	Bridge Engineering & Structural Engineering		Civil Engineering Engineering Sciences and Design
Associate Professor	SOSHIRODA, Akira	Tourism Planning Development Process of Resorts		Urban Design and Built Environment
Associate Professor	TAKEMURA, Jiro	Soil Mechanics & Geo-environmental Engineering		Civil Engineering Engineering Sciences and Design
Associate Professor	VARQUEZ, Alvin Chrostppher Galang	Global Urban Climatology, Urban-scale Climate Change, Numerical Weather Prediction, GIS-based Dataset Construction		Civil Engineering

Associate Professor	WUJEWICKREMA, Anil C.	Earthquake Engineering, Structural Engineering, Solid Mechanics	Retire in March, 2023.	Civil Engineering Engineering Sciences and Design
Associate Professor	YOSHIMURA, Chihiro	Water Quality Engineering, Aquatic Ecology, Biogeochemistry		Civil Engineering

(17) Dept. of Transdisciplinary Science and Engineering

Academic Supervisor	Research Field	Remarks	Graduate Major
Professor	CHIBA, Satoshi	Nuclear Reactions, Nuclear Decay, Nuclear Data, Radiation Transport, Innovative Nuclear Systems, Medical and Astrophysical Applications	Nuclear Engineering
Professor	CROSS, Jeffrey Scott	Bio-fuels, Marine waste recycling, Educational Technology (Online, AI), Renewable Energy Systems, Energy Policy	Energy Science and Engineering Global Engineering for Development, Environment and Society
Professor	GOTO, Mika	Corporate Management, Production Economics, Energy Economics	Energy Science and Engineering
Professor	HANAOKA, Shinya	Transport Development Studies, Logistics, Air Transport	Global Engineering for Development, Environment and Society
Professor	HAYASHIZAKI, Noriyosu	Accelerator Physics and Engineering, Medical Accelerator, Accelerator Driven Neutron Source, Security of Radioactive Sources	Nuclear Engineering
Professor	IIO, Shunji	Plasma Physics, Fusion Engineering, Laser Diagnostics	Retire in March, 2021 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	KANAE, Shinjiro	Hydrology, Hydrologic cycle, Water resources	Global Engineering for Development, Environment and Society
Professor	KANDA, Manabu	Regional Atmospheric Environment	Global Engineering for Development, Environment and Society
Professor	KATO, Yukitaka	Energy Conversion, Energy Storage, Chemical Heat Pump, Carbon Recycling Energy System, Hydrogen Energy, Nuclear Energy Utilization System	Nuclear Engineering
Professor	KINOUCHI, Tsuyoshi	Watershed Hydrology, Water Resources Engineering	Global Engineering for Development, Environment and Society
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
Professor	NAKASAKI, Kiyohiko	Environmental Bioengineering	Global Engineering for Development, Environment and Society
Professor	NOHARA, Kayoko	Translation Studies, Linguistics, Science Communication	Global Engineering for Development, Environment and Society Engineering Sciences and Design
Professor	OBARA, Toru	Reactor Physics, Nuclear Reactor Design, Passive Safe Reactor, Nuclear Safety	Nuclear Engineering
Professor	SAIJO, Miki	Sociolinguistics, Communication Design, Scientific Literacy, Diffusion of Innovation	Engineering Sciences and Design
Professor	SAITO, Shigeki	Engineering Design, Smart Materials, Micromechanics, Micro Robotics	Engineering Sciences and Design
Professor	TAKADA, Jun-ichi	Wireless Communications, Applied Radio Measurement and Sensing, ICT and Development	Global Engineering for Development, Environment and Society Engineering Sciences and Design
Professor	TAKAHASHI, Kunio	Mechanical Engineering, Mechanics, Material Science, Material Processing	Global Engineering for Development, Environment and Society
Professor	TAKEDA, Yukio	Mechanical Systems Design	Engineering Sciences and Design
Professor	TAKESHITA, Kenji	Nuclear Chemical Engineering, Nuclear Fuel Cycle, Fuel Reprocessing, Isotope Separation, Waste Management, Metal Recycling	Nuclear Engineering Global Engineering for Development, Environment and Society
Professor	TSUJIMOTO, Masaharu	Platform Strategy, Ecosystem Strategy, Social System Design	Engineering Sciences and Design
Associate Professor	ABE, Naoya	Environmental and Social Sustainability, Water-Food-Energy insecurity, Applied Economics, International Development	Global Engineering for Development, Environment and Society
Associate Professor	AKITA, Daisuke	Aerospace System, High-Speed Aerodynamics	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
Associate Professor	EGASHIRA, Ryuichi	Separation Processes, Bioenergy Production, Biomass Treatment, Water Treatment, Metal Separation, Petroleum Refining, Solvent Extraction, Adsorption	Global Engineering for Development, Environment and Society
Associate Professor	HASEGAWA, Jun	Plasma Science and Technology, Ion Beam Application Studies, Inertial Fusion Studies, High Energy Density Science, Radiation Physics	Nuclear Engineering
Associate Professor	INABA, Kazuaki	Mechanical Engineering, Solid and Structure Engineering, Engineering Design	Engineering Sciences and Design
Associate Professor	KATABUCHI, Tatsuya	Neutron Science, Nuclear Physics, Nuclear Transmutation, Neutron Capture Therapy, Radiation Measurement	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	MATSUMOTO, Yoshihisa	Radiation Biology, Molecular Biology and Biochemistry, Basic Medicine	Nuclear Engineering
Associate Professor	NAKAMARU, Mayuko	Social simulation, Human behavior and evolution, Mathematical biology, Evolutionary game theory, coupled social-ecological systems model	Engineering Sciences and Design
Associate Professor	NAKAMURA, Takashi (中村 恭志)	Computational Environmental Fluid Dynamics, Computational Scheme, Multi Physics Simulation	Global Engineering for Development, Environment and Society
Associate Professor	NAKAMURA, Takashi (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	SAGARA, Hiroshi	Nuclear Safety, Security and Non-proliferation (3S), Reactor Design for High-level-waste Transmutation Non-destructive Assay Technology	Nuclear Engineering
Associate Professor	SATO, Yuriko	International Education Policy, Development Economics, Policy Evaluation, Immigration Policy	Global Engineering for Development, Environment and Society
Associate Professor	TAKAGI, Hiroshi	Coastal Disaster Mitigation	Global Engineering for Development, Environment and Society
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 Engineering

Associate Professor	TSUKAHARA, Takehiko	Analytical Chemistry, Radiation Chemistry, Environmental Science, Radioactive Waste Management, Micro-Nano Chemistry, Functional Polymer, Nuclear Fuel Cycle, Decommissioning		Nuclear Engineering
Associate Professor	TSUTSUI, Hiroaki	Plasma Physics and Nuclear Fusion, Superconducting Magnetic Energy Storage System		Nuclear Engineering
Associate Professor	VARQUEZ, Alvin Chrostppher Galang	Global Urban Climatology, Urban-scale Climate Change, Numerical Weather Prediction, GIS-based Dataset Construction		Global Engineering for Development, Environment and Society
Associate Professor	YAGI, Tohru	Neural Engineering, Human Interface, Vision		Engineering Sciences and Design
Associate Professor	YAMASHITA, Yukihiko	Computer Science, Intelligent Informatics		Global Engineering for Development, Environment and Society
Associate Professor	YOSHIMURA, Chihiro	Water Quality Engineering, Aquatic Ecology, Biogeochemistry		Global Engineering for Development, Environment and Society

(18) Dept. of Social and Human Sciences

	Academic Supervisor	Research Field	Remarks	Graduate Major
Professor	HAYASHI, Naoyuki	Applied physiology		Social and Human Sciences
Professor	INOHARA, Takehiro	Decision making, Social modeling		Social and Human Sciences
Professor	MUROTA, Masao	Educational Technology		Social and Human Sciences
Professor	SAKUMA, Kunihiro	Exercise physiology, Exercise biochemistry		Social and Human Sciences
Professor	SHIRABE, Masashi	Scientometrics, STS		Social and Human Sciences
Professor	YAMAMOTO, Hirofumi	Linguistics, Mathematical Linguistics, Language changes, Instruction Management System		Social and Human Sciences
Professor	YAMAZAKI, Taro	German Literature/German Opera		Social and Human Sciences
Associate Professor	ITO, Asa	Aesthetics		Social and Human Sciences
Associate Professor	KANEKO, Hironao	Civil and Business Law		Social and Human Sciences
Associate Professor	MARUYAMA, Takeo	Biomechanics, Sports Engineering, Bioinformatics		Social and Human Sciences
Associate Professor	NISHIDA, Ryosuke	sociology, public policy		Social and Human Sciences
Associate Professor	SATO, Reiko	Japanese language education, Second Language Acquisition		Social and Human Sciences
Associate Professor	SUZUKI, Yuta	Educational Research, Research on Teaching, School Reform, Teacher Education		Social and Human Sciences
Associate Professor	TAKAHASHI, Masaki	Nutrition/Exercise physiology, Chrono-nutrition, Sports nutrition		Social and Human Sciences
Associate Professor	YAMANE, Ryoichi	American Literature, American Cultural Studies		Social and Human Sciences
Associate Professor (Lecturer)	TAKUWA, Yoshimi	History of Science and Technology		Social and Human Sciences