

List of Academic Staff

Master's Program in English, Graduate School of Engineering and Science, Academic Year 2024

*If your supervisor is marked with ◎, your supervisor needs to appoint additional supervisor as sub supervisor.

<Electrical Engineering and Computer Science>

Department	Research Guidance	Supervisor	Remarks
Materials and Devices	Nanoelectronics	Supervisor UENO Kazuyoshi	◎
	Functional Material Engineering	Supervisor YAMAGUCHI Masaki	
	Photonic Devices Engineering	Supervisor YOKOI Hideki	
	Seminar in semiconductor physics and devices	Supervisor ISHIKAWA Hiroyasu	
Circuits and Control	Electronic Circuit Engineering	Supervisor KOIKE Yoshikazu	
		Supervisor SASAKI Masahiro	
Supervisor PREMACHANDRA CHINTHAKA			
	Electromagnetic Wave Circuit Technology	Supervisor TANAKA Shinichi	
Power and Energy	Electric Machinery and Applications	Supervisor TAKAMI Hiroshi	◎
		Co-Supervisor SHIMOMURA Shoji	
		Co-Supervisor SAITOU Makoto	
		Co-Supervisor AISO Kohei	
	Electric Power System Engineering	Supervisor FUJITA Goro	
	Advanced Materials for Energy and Related Areas	Supervisor NISHIKAWA Hiroyuki	
		Co-Supervisor Nitipon Puttaraksa	
	Electric Propulsion	Supervisor KAWASHIMA Rei	
	Active Functional Devices	Supervisor SHIGEMUNE Hiroki	
Communication	Clustering and Classification in Infocommunications Technology	Supervisor KANZAWA Yuuchi	
	Information and Communication Systems	Supervisor KAMIOKA Eiji	
	Research in Acoustic Communication and Information Systems	Supervisor MUTO Kenji	
	Telecommunication Networks	Supervisor MORINO Hiroaki	
		Supervisor MIYATA Sumiko	
	Wireless Communication Systems Engineering	Supervisor GYODA Koichi	◎
		Co-Supervisor SUGA Norisato	
		Supervisor HIROSE Kazuhide	
Information	Computer Architecture and LSI Design	Supervisor USAMI Kimiyoshi	◎
	Data Engineering	Supervisor KIMURA Masaomi	
	Interactive Graphics	Supervisor IJIRI Takashi	
		Co-Supervisor SRIPIAN PEERAYA	
	Study of Distributed System	Supervisor FUKUDA Hiroaki	
	Computer Mediated Communication Engineering	Supervisor YONEMURA Shunichi	◎
	Operating Systems and Middleware	Supervisor SUGAYA Midori	
		Co-Supervisor LAOHAKANGVALVIT Tipporn	
	Empirical Software Engineering	Supervisor NAKAJIMA Tsuyoshi	◎
	Intelligent Information Systems	Supervisor SUGIMOTO Tooru	
	Programming Languages	Supervisor SASANO Isao	
	Socio-Information Systems	Supervisor NAKAMURA Hiroyuki	◎
	Physically Augmented Interaction	Supervisor MANABE Hiroyuki	
	Sports Informatics	Supervisor ISHIZAKI Satoshi	
Design of Social Information-Network Systems	Supervisor SHINKUMA Ryouichi		
Quantum Computer Science and Engineering	Supervisor WATABE Shohei		

Department	Research Guidance	Supervisor		Remarks
Computer Science	Software Engineering and Knowledge Engineering	Supervisor	NODA Natsuko	
	Mathematical Engineering	Supervisor	MATSUDA Haruhide	
		Supervisor	MATSUBARA Ryota	
	Large-Scale Distributed Systems	Supervisor	YAMAZAKI Kenichi	
	Information Design	Supervisor	YOSHITAKE Ryoji	
		Supervisor	YANG WONSEOK	
	Co-Supervisor	HIDAKA Kyoko		
	Information and Media Education	Supervisor	OHASHI Yutaro	
	Fundamentals of Mathematical Physics	Supervisor	MAEDA Kengo	
Robotics and Mechatronics	Robotics and Mechatronics	Supervisor	ANDOU Yoshinobu	
		Supervisor	HASEGAWA Tadahiro	
		Supervisor	YOSHIMI Takashi	
		Supervisor	ABIKO Satoko	
		Supervisor	SHIMIZU Sota	
		Supervisor	YASUMURA Yoshiaki	
		Supervisor	SASAKI Takeshi	
Bionics	Bioelectronics	Supervisor	SAITOH Atsushi	
	Biomedical Engineering Measurement	Supervisor	KANO Shinichiro	
		Supervisor	SHINA Tsuyoshi	
		Supervisor	HAMANO Manabu	
		Co-Supervisor	YAMAKAWA Makoto	
	Co-Supervisor	NAMITA Takeshi		
	Bionic Communication Engineering	Supervisor	HORIE Ryota	
	Molecular Sensor Engineering	Supervisor	TOMA Koji	

<Materials Science and Engineering>

Department	Research Guidance	Supervisor		Remarks
Basic Materials	Material Chemistry	Supervisor	NODA Kazuhiko	
	Physical Metallurgy	Supervisor	KARIYA Yoshiharu	
	Advanced Research Program on Thin Film Materials and Its Application	Supervisor	YUMOTO Atsushi	
	Semiconductor Materials	Supervisor	KYUNO Kentaro	
	Materials science of random system	Supervisor	MASAKI Tadahiko	
	Resources and Energy Material Science	Supervisor	ARAI Tsuyoshi	
	Materials Science	Supervisor	SHIMOJO Masayuki	
	Advanced Materials	Supervisor	ISHIZAKI Takahiro	
	Materials design research	Supervisor	SERIZAWA Ai	
	Observational Astrophysics	Supervisor	WATANABE Yoshimasa	
	High-pressure Material Science	Supervisor	YAMAMOTO Ayako	
	Multi-functional Materials Design	Supervisor	LEE SO YOON	
Material Property	Biomaterials Science and Engineering	Supervisor	MATSUMURA Kazunari	
	Study of high functional materials	Supervisor	SAKAI Naomichi	
		Supervisor	ENDO Rie	
	Research of Bioorganic Material Chemistry	Supervisor	HATANO Akihiko	
Applied Photochemistry	Supervisor	KONISHI Toshifumi		

<Applied Chemistry>

Department	Research Guidance	Supervisor	Remarks
Physical Chemistry	Applied Photochemistry	Supervisor KONISHI Toshifumi	
	Organic Electron Transfer Chemistry Exercise	Supervisor TAJIMA Toshiki	
	Chemical Engineering	Supervisor YOSHIMI Yasuo Co-Supervisor Aaryashree	
	Research of Energy Engineering	Supervisor NOMURA Mikihiro	
	Polymer Structural Chemistry Exercise	Supervisor HIROI Takashi	
Organic Chemistry	Synthetic Organic Reaction	Supervisor KITAGAWA Osamu	
	Organic Materials Chemistry	Supervisor KIDOWAKI Masatoshi	
	Polymer Materials Chemistry	Supervisor NAGA Naofumi Co-Supervisor AHMED KUMKUM	
	Research of Biomolecular Chemistry	Supervisor HATANO Akihiko	
	Organic Electronic Materials Chemistry	Supervisor GARY JAMES RICHARDS	
Analytical Chemistry	Environmental Analytical Chemistry	Supervisor MASADOME Takashi	◎
Biological Science	Study on chemical biology	Supervisor HAMASAKI Keita	
	Ecological Engineering Research	Supervisor Li Qintong	
Inorganic Chemistry	Inorganic Materials Chemistry	Supervisor KIYONO Hajime	
	Molecular Assemblies for Crystal Engineering	Supervisor HORI Akiko	
Chemistry	Energy materials creation chemistry laboratory	Supervisor OGUCHI Hiroyuki	

<Mechanical Engineering>

Department	Research Guidance	Supervisor	Remarks
Mechanics /Materials / Process	Structure and Properties of Materials for Mechanical Engineering	Supervisor TAKASAKI Akito	◎
	Machinery dynamics	Supervisor HOSOYA Naoki	
	Granular dynamics	Supervisor SAEKI Masato	
	Solid Mechanics	Supervisor SAKAUE Kenichi	
	Research of Advanced Design based on Material Strength	Supervisor HASHIMURA Shinji	
	Study for Processing on Structural Materials	Supervisor AOKI Koushirou	
	Functional Material Engineering	Supervisor YOSHIHARA Shouichirou	
	Manufacturing Engineering	Supervisor SAWA Takekazu	
Fluids /Heat /Energy	Thermal Fluids Engineering	Supervisor TSUNODA Kazumi	
	Microscale Thermofluid Engineering	Supervisor TANGE Manabu	
	Advanced Fluid Technology and Applications	Supervisor SUWA Yoshihide	◎
	Studies on Thermal Process Engineering	Supervisor KIMIJIMA Shinji	
	Studies on Energy and Environmental Engineering	Supervisor YAHAGI Yuji	
	Studies on Radiation Transfer	Supervisor RAJAGOPALAN UMAMAHESWARI	
	Combustion Engineering	Supervisor SAITO Hiroyasu	
	Study on Thermal Fluid Science and Engineering	Supervisor SHIRAI Katsuaki	
Control /Information /Intelligence	Fluid Power Control	Supervisor KAWAKAMI Yukio	
	Dynamic System Control Theory	Supervisor ITO Kazuhisa	
	Robot Control Engineering	Supervisor UCHIMURA Yutaka	
Humans- Mechanical System /Life Support	Human-Machine Interface	Supervisor HIROSE Toshiya Co-Supervisor NAKAMURA Shingo	
	Biomechanics and Injury Prevention	Supervisor YAMAMOTO Sota	
	Biomechanics Research Project	Supervisor FUTAI Nobuyuki	
Design	Study for Product Design	Supervisor HASHIDA Noriko Supervisor YANG WONSEOK Supervisor ASHIZAWA Yusuke Supervisor HIRAO Akinari Co-Supervisor SAKURAGI Shin Co-Supervisor SHIGERI Mitsuhiro	
	Photonic Design Engineering	Supervisor TANABE Tadao	
	Model-Based Design	Supervisor HAYABUSA Keisuke	
Nano /Micro	Research on Laser and Laser Applications	Supervisor MATSUO Shigeki	
	Studies on Heat and Mass Transfer	Supervisor ONO Naoki	
	Micro Robotics	Supervisor NAGASAWA Sumito	
	Studies on electronic properties under multiple extreme conditions	Supervisor ISHII Yasuyuki	
	Study of computational Statistical Physics	Supervisor TOMITA Yusuke	
	Microsystem Integration	Supervisor YOSHIDA Shinya	

<Systems Engineering and Science>

Department	Research Guidance	Supervisor	Remarks
Machine Control	System Design	Supervisor HASEGAWA Hiroshi	
		Supervisor WATANABE Dai	
		Co-Supervisor TANAKA Minami	
		Co-Supervisor BUI NGOC TAM	
		Supervisor ADACHI Yoshitaka	
		Supervisor KAWAKAMI Yukio	
Electronic Information	Research in Advanced Mechatronics	Supervisor CHEN XINKAI	
	Fluid Control Systems	Supervisor YOSHIMURA Kenjiro	
	Control Systems Engineering	Supervisor IIZUKA Kojiro	
	Study on the Control Systems of Cell Physiology	Supervisor TANAKA Naohiko	
	Robotics System	Supervisor MANO Kazunori	◎
	Research in Medical Ultrasonic Engineering	Supervisor MIYOSHI Takumi	
	Advanced Communication Design	Supervisor YAMAZAKI Taku	
	Information Networking Systems	Supervisor TAKAHASHI Masanobu	
	Image Processing Systems	Co-Supervisor SUZUKI Tetsuya	
	Observation System for Space and Astrophysical Science	Supervisor YOSHIDA Kenji	
	Community Information System	Supervisor KUBOTA Aya	
	Materials for Energy and Environment	Supervisor MURAKAMI Kayoko	
	Electronic Circuits and Systems Design	Supervisor MIRYALA MURALIDHAR	
	Research in Data Science and Simulation	Supervisor NICODIMUS RETDIAN	
Analysis and Applications of Nonliner System	Supervisor ICHIKAWA Manabu		
Social and Environmental	Advanced Software Engineering	Supervisor IOKA Eri	
	Social Simulation	Supervisor HISAZUMI Kenji	
	Neural Information Processing	Supervisor GOTO Yusuke	
	Special Lecture on Social Mathematical Systems	Supervisor HOSAKA Ryosuke	
	Special Lectures on Economic System	Supervisor MUTO Masayoshi	
	Environmental System Studies	Supervisor KOYAMA Yusuke	
	Planning for Urban and Regional Resilience	Co-Supervisor HONDA Mari	
	Information Design	Supervisor IWATA Tomoko	◎
Environmental Policy Studies	Supervisor NAKAGUCHI Takahiro		
	Socio Infomatics and Networking	Supervisor NAKAMURA Hitoshi	
		Supervisor TAGUCHI Hiroyuki	
		Supervisor MASUDA Yukihiro	
		Supervisor SODENO Reiko	
		Supervisor MOCHINAGA Dai	

Department	Research Guidance	Supervisor		Remarks
Life Sciences	System research in biomedical control	Supervisor	WATANABE Nobuo	
		Supervisor	NAKAMURA Naoko	
	Medicinal Chemistry and Organic Synthesis	Supervisor	SUHARA Yoshitomo	
		Supervisor	HIROTA Yoshihisa	
	Molecular Cell Biology	Supervisor	FUKUI Koji	
	Research on welfare and rehabilitation support system	Supervisor	YAMAMOTO Shinichirou	
		Supervisor	AKAGI Ryota	
		Supervisor Co-Supervisor	TAKAGI Motoki Shahrol Mohamaddan	
	Research in food chemistry	Supervisor	OSAKABE Naomi	
Advanced Environmental Life Science	Supervisor	AZHAM ZULKHARNAIN		
	Supervisor	KAWASHIMA Hiroto		
Research on Brain Imaging System	Supervisor Co-Supervisor	SATOU Hiroki OKUDA Hiroshi		
Health Effects Science	Supervisor	YAJIMA Ichiro		
Cognitive Systems	Supervisor	YATABE Kiyomi		
Mathematical Science	Applied Mathematical Science	Supervisor	KAMEKO Masaki	
		Supervisor	OZAKI Katsuhisa	
		Supervisor	FUKUDA Akiko	
		Supervisor	SHIMIZU Kenichi	
		Co-Supervisor	IDOGAWA Tomoyuki	
	Research on Mathematical Control	Supervisor	ZHAI GUI SHENG	
	Research in Mathematical Physics	Supervisor Co-Supervisor	SUZUKI Tatsuo NAKATSU Tomonori	
	Nonlinear Analysis	Supervisor Co-Supervisor	TAKEUCHI Shingo ENOMOTO Yuko	
	Advanced Mathematical Analysis	Supervisor	ISHIWATA Tetsuya	
Research on Partial Differential Equation on Complex Domain	Supervisor	YAMAZAWA Hiroshi		
Mathematical Analysis	Supervisor	HIROSE Sampei		
Design of Lesson Study in Global Engineering	Supervisor	MAKISHITA Hideyo	◎	
Educational Development of Higher Education	Supervisor	SAKAKIBARA Nobuhisa		
System of Quantum Information	Supervisor	KIMURA Gen		

<Global Course of Engineering and Science>

Department	Research Guidance	Supervisor	Remarks
Advanced Science and Innovative Engineering	Advanced Science and Innovative Engineering	Supervisor TAKASAKI Akito	◎
		Supervisor KAMIOKA Eiji	
		Supervisor MIYOSHI Takumi	
		Supervisor MIRYALA MURALIDHAR	
		Supervisor YAMAMOTO Ayako	
		Supervisor RZEZNICKA IZABELA IRENA	
		Supervisor NICODIMUS RETDIAN	
		Supervisor UENO Kazuyoshi	◎
		Supervisor YOKOI Hideki	
		Supervisor ISHIKAWA Hiroyasu	
		Supervisor KOIKE Yoshikazu	
		Supervisor TAKAMI Hiroshi	
		Supervisor FUJITA Goro	
		Supervisor NISHIKAWA Hiroyuki	
		Supervisor MORINO Hiroaki	
		Supervisor GYODA Koichi	
		Supervisor HIROSE Kazuhide	◎
		Supervisor USAMI Kimiyoshi	◎
		Supervisor ANDOU Yoshinobu	
		Supervisor YOSHIMI Takashi	
		Supervisor KANOH Shinichiro	
		Supervisor ABIKO Satoko	
		Supervisor NODA Kazuhiko	
		Supervisor KYUNO Kentaro	
		Supervisor MATSUMURA Kazunari	
		Supervisor YOSHIMI Yasuo	
		Supervisor NOMURA Mikihiko	
		Supervisor KITAGAWA Osamu	
		Supervisor MASADOME Takashi	◎
		Supervisor HAMASAKI Keita	
		Supervisor HORI Akiko	
		Supervisor TANGE Manabu	
		Supervisor YAMAMOTO Sota	
		Supervisor ONO Naoki	
Supervisor NAKAMURA Hitoshi			
Supervisor HASEGAWA Hiroshi			
Supervisor ITO Kazuhisa			
Supervisor CHEN XINKAI			
Supervisor WATANABE Nobuo			
Supervisor YAMAMOTO Shinichirou			

Department	Research Guidance	Supervisor		Remarks
		Supervisor	ZHAI GUISHENG	◎
		Supervisor	HOSOYA Naoki	
		Supervisor	PAOLO MELE	
		Supervisor	CETINKAYA AHMET	
		Supervisor	KIMIJIMA Shinji	
		Supervisor	SUWA Yoshihide	
		Supervisor	ARAI Tsuyoshi	
		Supervisor	Gabriele Trovato	
		Supervisor	ISHII Yasuyuki	
		Co-Supervisor	HIDAKA Kyoko	
		Co-Supervisor	ALICJA KLIMKOWICZ	
		Co-Supervisor	PHAN XUAN TAN	

<Civil Engineering>

Department	Research Guidance	Supervisor		Remarks
Social Infrastructure Facilities	Structural Engineering	Supervisor	KONNO Katsuaki	
		Supervisor	ANAMI Kengo	
	Composite Materials	Supervisor	IYODA Takeshi	
	Concrete Structure	Supervisor	KATSUKI Futoshi	
	Geotechnical Engineering	Supervisor	NAMIKAWA Tsutomu	
		Supervisor	INAZUMI Shinya	
Social Infrastructure Management	Supervisor	HENRY MICHAEL WARD		
Regional and Environmental Planning	Hydro-Engineering	Supervisor	MIYAMOTO Hitoshi	
		Supervisor	HIRABAYASHI Yukiko	
	Spatial Information Engineering	Supervisor	NAKAGAWA Masafumi	
	Planning of Ecoinfrastructure Systems	Supervisor	YATAGAWA Rumi	
	Infrastructure Planning	Supervisor	IWAKURA Seiji	
		Supervisor	LE YIPING	
Urban Science and Design	Supervisor	OYAMA Yuki		

<Architecture and Architectural Engineering>

Department	Research Guidance	Supervisor	Remarks
Architectural Planning	※ Architectural Planning	Supervisor KOSUGE Ruka	
	※ Advanced Study of Housing and Environmental Design	Supervisor SHIMIZU Ikuro	
Architectural Design	※ Architectural Design	Supervisor NISHIZAWA Taira	
		Supervisor GOTA Osami	
		Supervisor HARADA Masahiro	
		Supervisor INOKUMA Jun	
Supervisor KOBANAWA Yoshihide			
Architectural Design	※ Architectural Design Information	Supervisor SAWADA Hideyuki Co-Supervisor YAMAZAKI Kazuya	
	※ Spatial Planning and Design	Supervisor TANIGUCHI Taizo Supervisor MATSUSHITA Kiwa	
	※ Project Design	Supervisor YAMASHIRO Satoru Supervisor OKANO Michiko	
Architectural History	※ History of Architecture	Supervisor OKAZAKI Rumi Co-Supervisor OGASHIWA Norika	
Environmental Engineering	Building Environmental Engineering	Supervisor NISHIMURA Naoya Supervisor AKIMOTO Takashi Co-Supervisor YOKOYAMA Keizo	
	Urban Environmental Engineering Exercise	Supervisor MURAKAMI Kimiya Supervisor KURISHIMA Hideaki Supervisor MASUDA Yukihiro Supervisor NAKAGUCHI Takahiro	◎
Building Structure	Building Structure	Supervisor KUMAZAWA Fumitoshi Supervisor KABAYAMA Kenji	
	Earthquake Disaster Mitigation of Buildings	Supervisor KISHIDA Shinji	
	Structural Planning of Buildings	Supervisor OZAWA Yuki	
	Research of Architectural and Structural Systems	Supervisor ISHIKAWA Yuji	
	Steel building structure	Supervisor ASADA Hayato	
Industrial Engineering	Building Materials and Operations	Supervisor HAMASAKI Hitoshi Supervisor KOGA Junko	
	※ Construction Management	Supervisor KANISAWA Hirotake Supervisor SHIDE Kazuya	
City Planning	※ City Planning	Supervisor SHIMURA Hideaki Supervisor SATO Hirosuke Supervisor KUWATA Hitoshi Supervisor SAKUYAMA Yasushi	
	※ Environmental Design	Supervisor SHINOZAKI Michihiko Supervisor SUZUKI Shunji Supervisor MAEDA Hidetoshi	◎