

# List of Academic Staff for 2027 Spring Enrollment

Graduate School of Engineering and Science (Master's Program)

※ Please obtain consent from the supervisor you wish to be supervised by.

※ If the Faculty Member you wish to be supervised by is listed as a "Co-Supervisor" or "Research Collaborator", you must obtain consent from both your desired professor and "Supervisor".

For more details on obtaining consent, please refer to the application guidelines.

## <Electrical Engineering and Computer Science>

Department	Research Guidance	Supervisor	Co-Supervisor	Research Collaborator
Materials and Devices	Functional Material Engineering	YAMAGUCHI Masaki		
	Photonic Devices Engineering	YOKOI Hideki		
	Seminar in semiconductor physics and devices	ISHIKAWA Hiroyasu		
	Solid-state physics on quantum materials	NAKANO Masaki		
Circuits and Control	Electronic circuit engineering	KOIKE Yoshikazu		
		SASAKI Masahiro		
		MAEDA Yoshihiro		
		PREMACHANDRA CHINTHAKA		
Power and Energy	Electric Machinery and Applications	AISO Kohei	SAITOU Makoto	
		FUJITA Toshiyuki		
	Electric Power System Engineering	FUJITA Goro		
		KOIWA Kenta		
	Advanced Materials for Energy and Related Areas	NISHIKAWA Hiroyuki		
	Electric Propulsion	KAWASHIMA Rei		
Active Functional Devices Research	SHIGEMUNE Hiroki			
Power Supply System Engineering and Applications	HATA Katsuhiro			
Communication	Clustering and Classification in Infocommunications Technology	KANZAWA Yuuchi		
	Information and Communication Systems	KAMIOKA Eiji	PHAN XUAN TAN	
			YOSHIKUBO Hatsuko	
			KANAMARU Manami	
	Research in acoustic communication and information systems	MUTO Kenji		
	Telecommunication Networks	MORINO Hiroaki		
	Wireless Signal Processing Research	SUGA Norisato		
Optical Sensing Systems	LEE HEEYOUNG			
Wireless communication methods and algorithms	ARAI Maki			
Information	Data Engineering	KIMURA Masaomi	YANG Kunhao	
	Interactive Graphics	IJIRI Takashi		
	Applied Perception engineering	SRIPIAN PEERAYA		
	Study of Distributed Systems Experiment	FUKUDA Hiroaki		
	Operating Systems and Middleware	SUGAYA Midori		
	Intelligent Information Systems	SUGIMOTO Tooru		
	Programming languages research	SASANO Isao		
	Physically Augmented Interaction	MANABE Hiroyuki		
	Sports Informatics	ISHIZAKI Satoshi		
	Design of Social Information-Network Systems	SHINKUMA Ryouichi		
	Quantum Computer Science and Engineering	WATABE Shohei		
	Quantum Computer Basic Technology	KANAO Taro		
	Affective Technologies	LAOHAKANGVALVIT TIPPORN		
Human-oriented Information Systems	KINOSHITA Yuichiro			

Department	Research Guidance	Supervisor	Co-Supervisor	Research Collaborator
Computer Science	Software Engineering and Knowledge Engineering	NODA Natsuko	SHIKATA Noriyuki	
	Mathematical Engineering	MATSUDA Haruhide		
		MATSUBARA Ryota		
	Information and Media Education	OHASHI Yutaro		
	Research on media experience design	MASUKO So		
	Information Design	URIU Daisuke		
		NAKAGAWA Akira		
SUGIMOTO Masashi				
Embodied intelligence system research	OKU Takanori			
Cognitive Engineering	AOKI Hirotaka			
Robotics and Mechatronics	Robotics and Mechatronics	ANDOU Yoshinobu		
		HASEGAWA Tadahiro	YAJIMA Ryosuke	
		ABIKO Satoko		
		YASUMURA Yoshiaki		
		SASAKI Takeshi		
		YONEMITSU Fumiya		
PATHAK Sarthak				
Bionics	Bioelectronics	SAITOH Atsushi		
	Biomedical Engineering Measurement	KANO Shinichiro		
	Bionic Communication Engineering	HORIE Ryota		
	Molecular Sensor Engineering	TOMA Koji		
		Aaryashree		
Soft Electronics Research	FUKADA Kenta			

### <Materials Science and Engineering>

Department	Research Guidance	Supervisor	Co-Supervisor	Research Collaborator
Basic Materials	Material Chemistry	OHASHI Yukiko		
	Physical Metallurgy	KARIYA Yoshiharu		
	Materials Electrochemistry	KISU Kazuaki		
	Advanced Research Program on Thin Film Materials and Its Application	YUMOTO Atsushi		YAMAMOTO Ayako
		TAKEZAWA Yusuke		
	Semiconductor Materials	KYUNO Kentaro		
	Materials science of random system	MASAKI Tadahiko		
	Resources and Energy Material Science	ARAI Tsuyoshi		
	Materials Science	SHIMOJO Masayuki		
	Advanced Materials	ISHIZAKI Takahiro		
	Materials design research	SERIZAWA Ai		
Observational Astrophysics	WATANABE Yoshimasa			
Material Property	Biomaterials Science and Engineering	MATSUMURA Kazunari		
	Study of high functional materials	ENDO Ric		

### <Applied Chemistry>

Department	Research Guidance	Supervisor	Co-Supervisor	Research Collaborator
Physical Chemistry	Research on Computational Physical Chemistry	TSUCHIMOCCHI Takashi		
	Organic Electrochemistry	TAJIMA Toshiki		
	Chemical Engineering	YOSHIMI Yasuo		
	Research of Energy Engineering	NOMURA Mikihiro		
Organic Chemistry	Organic Materials Chemistry	KIDOWAKI Masatoshi		
		HATANO Akihiko		
		KONISHI Toshifumi		
Enzyme Engineering	NAGA Naofumi			
Analytical Chemistry	Research on Analytical Chemistry	SEGAWA Hiroki		
Biological Science	Study on chemical biology	HAMASAKI Keita		
	Ecological Engineering Research	LI QINTONG		
Inorganic Chemistry	Multifunctional Smart Materials Design	LEE SO YOON		
	Molecular Assemblies for Crystal Engineering	HORI Akiko		
	Energy materials creation chemistry laboratory	OGUCHI Hiroyuki		

## <Mechanical Engineering>

Department	Research Guidance	Supervisor	Co-Supervisor	Research Collaborator	
Mechanics/Materials / Process	Machinery dynamics	HOSOYA Naoki		ISHII Yasuyuki	
	Solid Mechanics	SAKAUE Kenichi			
	Research of Advanced Design based on Material Strength	HASHIMURA Shinji			
	Study for Processing on Structural Materials	AOKI Koushirou			
	Functional Material Engineering	YOSHIHARA Shouichirou			
Fluids/Heat/Energy	Manufacturing Engineering	SAWA Takekazu			
	ThermalFluids Engineering	TSUNODA Kazumi			
		KAWATA Takuya			
	Microscale Thermofluid Engineering	TANGE Manabu			
	Studies on Thermal Prosecc Engineering	KIMIJIMA Shinji			
	Studies on Energy Environmental Engineering	YAHAGI Yuji			
	Studies on Radiation Transfer	RAJAGOPALAN UMAMAHESWARI			
	Combustion Engineering	SAITO Hiroyasu			
Control/Information/Intelligence	Study on Thermal Fluid Science and Engineering	SHIRAI Katsuaki			
	Bio heat transfer engineering	KOGAWA Takuma			
	Dynamic System Control Theory	ITO Kazuhisa			
Humans-Mechanical System/Life Support	Robot Control Engineering	UCHIMURA Yutaka			
	Intelligent Information Processing Engineering	NAKAMURA Shingo			
	Human-Machine Interface	HIROSE Toshiya			
	Biomechanics	KAMEO Yoshitaka			
Design	Cognitive Science of Language	SHINTANI Mayu			
		TOCHINAI Fumihiko			
	Biomicrofluidics Research Project	FUTAI Nobuyuki			
	Study for Product Design	HASHIDA Noriko	SHIGERI Mitsuhiko		
		YANG WONSEOK			
		ASHIZAWA Yusuke	SAKURAGI Shin		
HIRAO Akinari					
NAKAJIMA Mizuki					
Photonic Design Engineering	TANABE Tadao		RZEZNICKA IZABELA IRENA		
Biomechanics and Injury Prevention	YAMAMOTO Sota				
Model-Based Design	HAYABUSA Keisuke				
Nano/Micro	Research on Laser and Laser Applications	MATSUO Shigeki	KUWAHARA Akira		
	Micro Robotics	NAGASAWA Sumito			
	Study of computational Statistical Physics	TOMITA Yusuke			
	Microsystem Integration	YOSHIDA Shinya	YOSHIDA Koki		

## <Systems Engineering and Science>

Department	Research Guidance	Supervisor	Co-Supervisor	Research Collaborator
Machine Control	Research in Systems Design	HASEGAWA Hiroshi	TANAKA Minami	
			BUI NGOC TAM	
		WATANABE Dai		
	Research in Advanced Mechatronics	KUWAHARA Hiroaki		
	Research on Fluid Control Systems	KAWAKAMI Yukio		
	Research on Control Systems	CHEN XINKAI		
Electronic Information	Study on Robotics System	IIZUKA Kojiro		
	Research in Human and Robotics	OTANI Takuya		
	Research in Medical Ultrasonics	TANAKA Naohiko		
	Information Networking Systems	YAMAZAKI Taku		MIYOSHI Takumi
		ITOH Nobuhiko		
	Visual Information Processing Systems	TAKAHASHI Masanobu	SUZUKI Tetsuya	YATABE Kiyomi
	Observation System for Space and Astrophysical Science	YOSHIDA Kenji		
		KUBOTA Aya		
	Analysis and Applications of Nonliner System	IOKA Eri		NICODIMUS RETDIAN
HIRAYAMA Hiroshi				
Interactive Media	TAKASHIMA Kazuki	Hu Xiaodan		
	ASANO Hirotooshi			
Software Engineering	HISAZUMI Kenji			
Neural Information Processing	HOSAKA Ryosuke			

Department	Research Guidance	Supervisor	Co-Supervisor	Research Collaborator	
Social and Environmental	Special Lecture on Social Mathematical Systems	MUTO Masayoshi			
	Special lecture on economic systems	KOYAMA Yusuke	HONDA Mari		
	Environmental System Studies/	IWATA Tomoko	YOSHIOKA Tsuyoshi		
	Environmental Policy Studies	SODENO Reiko			
	Social Systems Science	ICHIKAWA Manabu			
	Social Simulation	GOTO Yusuke	HARADA Takuya		
	Community Information System Research	MURAKAMI Kayoko			
	Sustainability Governance		KATRAMIZ TAREK		
			UPALAT KORWATANASAKUL		
Socio Infomatics and Networking	MOCHINAGA Dai				
Life Sciences	System research in biomedical control	WATANABE Nobuo			
		TAKAYAMA Yuzo			
		NAKAMURA Naoko			
		SAKOTA Daisuke			
	Medicinal Chemistry and Organic Synthesis		SUHARA Yoshitomo		
			HIROTA Yoshihisa		
	Molecular Cell Biology	FUKUI Koji			
	Research on welfare and rehabilitation support system		YAMAMOTO Shinichirou		
			AKAGI Ryota		
			TAKAGI Motoki		
			EMA Ryoichi		
	Advanced Environmental Life Science		SHIBATA Shohei		
			AZHAM ZULKHARNAIN		
	Research on Brain Imaging System		KAWASHIMA Hiroto		
			SATOU Hiroki		
Health Effects Science Research		YAJIMA Ichiro			
		OSUKA Yosuke			
Study on Biophysics		YOSHIMURA Kenjiro			
Research on Science and Technology Education		OKUDA Hiroshi			
Mathematical Science	Applied Mathematical Science/	OZAKI Katsuhisa	IDOGAWA Tomoyuki		
		FUKUDA Akiko			
		SHIMIZU Kenichi	TAMORI Hiroyoshi		
		KAJIGAYA Toru	SAKURAI Migiwa		
	Research on Mathematic Control	ZHAI GUISHENG			
	Research in Mathematical Physics	SUZUKI Tatsuo	NAKATSU Tomonori		
	Nonlinear Analysis	TAKEUCHI Shingo	ENOMOTO Yuko		
	Advanced Mathematical Analysis	ISHIWATA Tetsuya			
	Research on Partial Differential Equations on Complex Domain/	YAMAZAWA Hiroshi			
	Mathematical Analysis	HIROSE Sampei			
Educational Development of Higher Education	SAKAKIBARA Nobuhisa				
General Relativity and Cosmological Physics	MAEDA Kengo				

### <Global Course of Engineering and Science>

Department	Research Guidance	Supervisor	Co-Supervisor	Research Collaborator
Advanced Science and Innovative Engineering	Advanced Science and Innovative Engineering	MIYOSHI Takumi		YAMAMOTO Shinichirou
		MIRYALA MURALIDHAR※		
		YAMAMOTO Ayako※		RAJAGOPALAN UMAMAHESWARI
		RZEZNICKA IZABELA IRENA ※		TANABE Tadao
		NICODIMUS RETDIAN		WATANABE Nobuo
		KIMURA Masaomi※		
		NOMURA Mikihiro※		
		TANGE Manabu※		
		HASEGAWA Hiroshi※		
		PAOLO MELE※		ITO Kazuhisa TAKAGI Motoki
		CETINKAYA AHMET		SRIPIAN PEERAYA
		KIMIJIMA Shinji※		
		ARAI Tsuyoshi※		
		TROVATO GABRIELE		
		ISHII Yasuyuki	DITA PUSPITA SARI KLIMKOWICZ ALICJA※	YAMAMOTO Sota
		HIRATA Sadayo		
		FUJITA Goro※		
		TSUCHIMOCHI Takashi※		
		HIROSE Toshiya※		
		SAITO Hiroyasu※		
SHAHROL BIN MOHAMADDAN				
KOGAWA Takuma※				
AHMED Kumkum				
YATABE Kiyomi				

※AGH・Double Degree (DD) Program Core Faculty Member

### <Civil Engineering>

Department	Research Guidance	Supervisor	Co-Supervisor	Research Collaborator
Social Infrastructure Facilities	Structural Engineering	KONNO Katsuaki		
		ANAMI Kengo		
	Composite Materials	IYODA Takeshi		
	Concrete Structure	KATSUKI Futoshi		
	Geotechnical Engineering	NAMIKAWA Tsutomu		
		INAZUMI Shinya		
Social Infrastructure Management	HENRY MICHAEL WARD			
Regional and Environmental Planning	Hydro-Engineering	MIYAMOTO Hitoshi		
		HIRABAYASHI Yukiko		
	Spatial Information Engineering	NAKAGAWA Masafumi		
	Study on Sustainable Society	YATAGAWA Rumi		
		OKADA Yoshiko		
		SHIOZAWA Yuki		
	Infrastructure Planning	IWAKURA Seiji		
LE YIPING				
Cityscape Research	TANAKA Yuno			

## <Architecture and Architectural Engineering>

Department	Research Guidance	Supervisor	Co-Supervisor	Research Collaborator
Architectural Planning	Architectural Planning	KOSUGE Ruka		
	Advanced study of housing and environmental design	SHIMIZU Ikuro		
Architectural Design	Architectural Design	NISHIZAWA Taira		
		GOTA Osami		
		HARADA Masahiro		
		INOKUMA Jun		
	Architectural Design Information	KOBANAWA Yoshihide		
		YAMAZAKI Kazuya		
	Spatial Planning and Design	MIZUTANI Akihiro		
		TANIGUCHI Taizo		
Project Design	MATSUSHITA Kiwa			
	YAMASHIRO Satoru			
Architectural History	History of Architecture	OKAZAKI Rumi	BAN Shigeru	
		OGASHIWA Norika		
Environmental Engineering	Building Environmental Engineering	AKIMOTO Takashi	KOGANEI Makoto	
		TSUSHIMA Sayana		
		KONDO Takeshi		
		KIM Hoon		
	Urban Environmental Engineering Exercise	KURISHIMA Hideaki		
		MASUDA Yukihiro		
Building Structure	Building Structure	KABAYAMA Kenji		
	Earthquake Disaster Mitigation of Buildings	KISHIDA Shinji		
	Structural Planning of Buildings	OZAWA Yuki		
		NAGAI Yuki		
	Research of Architectural and Structural Systems	ISHIKAWA Yuji		
Industrial Engineering	Building Materials and Operations	HAMASAKI Hitoshi		
	Construction Management	KANISAWA Hirotake		
		SHIDE Kazuya		
		KATAOKA Makoto		
City Planning	City Planning	SHIMURA Hideaki		
		SATO Hirosuke		
		KUWATA Hitoshi		
	Environmental Design	MAEDA Hidetoshi		
		HONDA Kumiko		
		FUWA Masahito		