

Laboratory List

Automotive Engineering (Electrical Engineering)					
Research Group	Research Area	Job title	Name	Email	Research Interests
Electric Energy	Electric Energy Storage Engineering	Professor	Tomokazu Fukutsuka	fukutsuka <at> nuee.nagoya-u.ac.jp	Fundamental study and materials development of innovative rechargeable batteries for the carbon-neutral society. Targets are lithium-ion batteries, sodium-ion batteries, fluoride shuttle batteries, all-solid-state lithium secondary batteries, water-based secondary batteries, and so on.
Electric Energy	Energy Control Engineering (S)	Professor	Yasunobu Yokomizu	yokomizu <at> nuee.nagoya-u.ac.jp	Research on (i) high current phenomena and interruption, (ii) contriving measurement method and next-generation equipment and (iii) AC and DC electrical-distribution systems with dispersed generation.
Electric Energy	Energy Control Engineering (S)	Assoc. prof.	Akimori Tabata	tabata <at> nuee.nagoya-u.ac.jp	Study on amorphous and nanocrystalline silicon-based semiconductor materials from hot-wire CVD and sputtering techniques and their electronic device applications.
Electric Energy	Electric Power Apparatus and Energy Transmission Engineering	Professor	Naoki Hayakawa	nhayakaw <at> nuee.nagoya-u.ac.jp	Development and optimization of environment-benign electric energy system with superconducting power apparatus, renewable energy and energy storage system.
Electric Energy	Electric Power Apparatus and Energy Transmission Engineering	Assoc. prof.	Hiroki Kojima	kojima <at> nuee.nagoya-u.ac.jp	Development and optimization of environment-benign electric energy system with superconducting power apparatus, renewable energy and energy storage system.
Electric Energy	Electric Power Apparatus and Energy Transmission Engineering (S)	Assoc. prof.	Muneaki Kurimoto	kurimoto.muneaki.t6 <at> f.mail.nagoya-u.ac.jp	Studies on high-withstand-voltage solid dielectrics (nanocomposite, etc.), energy harvesting, 3D printing and topology optimization in power generation apparatus, transportation and mobility.
Electric Energy	Energy Systems Engineering (Institute of Materials and Systems for Sustainability)	Professor	Takeyoshi Kato	tkato <at> nuee.nagoya-u.ac.jp	Optimum introduction and control of distributed generators, e.g. cogeneration, PV systems, etc. Improvement of performance and reliability of power apparatuses and their materials for environmentally friendly energy system.
Electric Energy	Power Electronics (Institute of Materials and Systems for Sustainability)	Professor	Masayoshi Yamamoto	m.yamamoto <at> imass.nagoya-u.ac.jp	Optimum introduction and control of distributed generators, e.g. cogeneration, PV systems, etc. Improvement of performance and reliability of power apparatuses and their materials for environmentally friendly energy system.

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Electric Energy	Power Electronics (Institute of Materials and Systems for Sustainability)	Assoc. prof.	Jun Imaoka	imaoka <at> nuee.nagoya-u.ac.jp	Optimum introduction and control of distributed generators, e.g. cogeneration, PV systems, etc. Improvement of performance and reliability of power apparatuses and their materials for environmentally friendly energy system.
Advanced Energy	Plasma Energy Engineering	Professor	Noriyasu Ohno	ohno <at> ees.nagoya-u.ac.jp	Extensive research on control of high heat flux plasma, plasma-material surface interactions, atomic and molecular processes in edge plasmas of nuclear fusion devices, and pioneering new fields of plasma science, such as dusty plasmas, high pressure RF plasma.
Advanced Energy	Plasma Energy Engineering	Assoc. prof.	Hirohiko Tanaka	h-tanaka <at> ees.nagoya-u.ac.jp	Extensive research on control of high heat flux plasma, plasma-material surface interactions, atomic and molecular processes in edge plasmas of nuclear fusion devices, and pioneering new fields of plasma science, such as dusty plasmas, high pressure RF plasma.
Advanced Energy	Functional and Energy Materials Engineering	Professor	Yutaka Yoshida	yutaka.yoshida <at> ees.nagoya-u.ac.jp	Studies on thin film processes of superconductors, oxide dielectric materials, thermoelectric materials and their applications to devices.
Advanced Energy	Functional and Energy Materials Engineering	Assoc. prof.	Tomoya Horide	horide <at> nuee.nagoya-u.ac.jp	Studies on thin film processes of superconductors, oxide dielectric materials, thermoelectric materials and their applications to devices.
Space Electromagnetic Environment	Space Observation (Insutitute for Space-Earth Environmental Research)	Professor	Kazuo Shiokawa	shiokawa <at> nagoya-u.jp	Studies on electromagnetic environment in the ionosphere and magnetosphere through observations using radars, GPS radio waves and optical equipment.
Space Electromagnetic Environment	Space Observation (Insutitute for Space-Earth Environmental Research)	Assoc. prof.	Nozomu Nishitani	nisitani <at> isee.nagoya-u.ac.jp	Studies on electromagnetic environment in the ionosphere and magnetosphere through observations using radars, GPS radio waves and optical equipment.
Space Electromagnetic Environment	Space Observation (Insutitute for Space-Earth Environmental Research)	Assoc. prof.	Yuichi Otsuka	otsuka <at> stelab.nagoya-u.ac.jp	Studies on electromagnetic environment in the ionosphere and magnetosphere through observations using radars, GPS radio waves and optical equipment.
Space Electromagnetic Environment	Space Observation (Insutitute for Space-Earth Environmental Research)	Assoc. prof.	Claudia Martinez		Studies on electromagnetic environment in the ionosphere and magnetosphere through observations using radars, GPS radio waves and optical equipment.
Space Electromagnetic Environment	Space Information Engineering (Data analysis and Computer Simulation on Sun and Space Environment)	Professor	Yoshizumi Miyoshi	miyoshi <at> isee.nagoya-u.ac.jp	Study the transport of plasmas and relationships in the sun-earth system by using information technology such as computer simulation and data processing.

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Space Electromagnetic Environment	Space Information Engineering (Data analysis and Computer Simulation on Sun and Space Environment)	Assoc. prof.	Takayuki Umeda	taka.umed@nagoya-u.jp	Study the transport of plasmas and relationships in the sun-earth system by using information technology such as computer simulation and data processing.
Future Electronics Creation	Plasma Electronics	Professor	Hirotaaka Toyoda	toyoda@nuee.nagoya-u.ac.jp	Discharge plasma physics and chemistry are basically studied with applications to thin films processing and to wall conditioning of fusion reactors.
Future Electronics Creation	Plasma Electronics	Lecturer	Haruka Suzuki	hsuzuki@nuee.nagoya-u.ac.jp	Discharge plasma physics and chemistry are basically studied with applications to thin films processing and to wall conditioning of fusion reactors.
Future Electronics Creation	Plasma Nanoprocess Science	Professor	Kenji Ishikawa	ishikawa@plasma.engg.nagoya-u.ac.jp	
Future Electronics Creation	Plasma Nanoprocess Science	Assoc. prof.	Hiroki Kondo	hkondo@nagoya-u.jp	Smart nano-processing is studied with the fabrication of nano-structures for new nano-device and the measurement and operation of atoms, molecules and radicals. Discharge plasma physics and chemistry are basically studied with applications to thin films processing and to wall conditioning of fusion reactors.
Future Electronics Creation	Plasma Nanoprocess Science	Lecturer	Takayoshi Tsutsumi	tsutsumi@nuee.nagoya-u.ac.jp	Smart nano-processing is studied with the fabrication of nano-structures for new nano-device and the measurement and operation of atoms, molecules and radicals. Discharge plasma physics and chemistry are basically studied with applications to thin films processing and to wall conditioning of fusion reactors.
Future Electronics Creation	Life Electronics	Professor	Hiromasa Tanaka	htanaka@plasma.engg.nagoya-u.ac.jp	
Future Electronics Creation	Life Electronics	Assoc. prof.	Tsuyoshi Uchiyama	tutyama@nuee.nagoya-u.ac.jp	Amorphous Wire & CMOS Based Sensitive Micro Magnetic Sensors (MI Sensors) and Applications to Intelligent Sensing. Bio-magnetic Field Measurement Using GMI Sensor for the Purpose of Medical Diagnosis.
Information Device Engineering	Nano-Bio Sensing	Professor	Yasufumi Takahashi	yasufumi@nuee.nagoya-u.ac.jp	Development and imaging of scanning probe microscopes for biological sensing, catalytic activity, and storage material characterization.
Information Device Engineering	Nano-Bio Sensing	Lecturer	Hiroki Ida	ida.hiroki.r9@f.mail.nagoya-u.ac.jp	Development and imaging of scanning probe microscopes for biological sensing, catalytic activity, and storage material characterization.
Information Device Engineering	Semiconductor Engineering and Integration Science	Professor	Seiichi Miyazaki	miyazaki@nuee.nagoya-u.ac.jp	Silicon-based novel functional devices with quantum structures. Materials and process integration for new generation nanoscale electron devices

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Research Group	Research Area	Job title	Name	Email	Research Interests
Information Device Engineering	Semiconductor Engineering and Integration Science	Assoc. prof.	Katsunori Makihara	makihara <at> nuee.nagoya-u.ac.jp	Silicon-based novel functional devices with quantum structures. Materials and process integration for new generation nanoscale electron devices
Information Device Engineering	Semiconductor Engineering and Integration Science	Lecturer	Maki Kushimoto	kusimoto <at> nuee.nagoya-u.ac.jp	Study of compound semiconductors for the photonic and quantum devcies; hetero-epitaxal growth and characterization of GaN and GaAs nano-structures, MOVPE, MBE, femto-second spectroscopy.
Information Device Engineering	Advanced Devices	Professor	Jun Suda	suda <at> nuee.nagoya-u.ac.jp	
Information Device Engineering	Advanced Devices	Assoc. prof.	Masahiro Horita	horita <at> nuee.nagoya-u.ac.jp	
Quantum System Engineering	Quantum Opto-Electronics	Professor	Norihiko Nishizawa	nishizawa <at> nuee.nagoya-u.ac.jp	Development of advanced optical and laser diagnostics techniques for plasmas and applications of non-equilibrium plasmas to light sources and materials processing.
Quantum System Engineering	Integrated Quantum Devices and Systems	Professor	Akira Fujimaki	fujimaki <at> nagoya-u.jp	Preparation and Integration of superconductive devices based on low- and high-temperature superconductors are studied toward future sensor systems, information network devices, and quantum computing systems.
Quantum System Engineering	Integrated Quantum Devices and Systems	Assoc. prof.	Masamitsu Tanaka	masami t <at> nagoya-u.jp	Preparation and Integration of superconductive devices based on low- and high-temperature superconductors are studied toward future sensor systems, information network devices, and quantum computing systems.
Quantum System Engineering	Optical Electronics	Professor	Kodo Kawase	kawase <at> nuee.nagoya-u.ac.jp	We are investigating development of compact THz-wave sources and their applications for Non-destructive THz imaging, high sensitive sensing, and novel advanced measurements.
Nanoelectronics	Semiconductor Electronics (Institute of Materials and Systems for Sustainability)	Professor	Hiroshi Amano	amano <at> nuee.nagoya-u.ac.jp	Study of compound semiconductors for the photonic and quantum devcies; hetero-epitaxal growth and characterization of GaN and GaAs nano-structures, MOVPE, MBE, femto-second spectroscopy.
Nanoelectronics	Semiconductor Electronics (Institute of Materials and Systems for Sustainability)	Assoc. prof.	Yoshio Honda	honda <at> nuee.nagoya-u.ac.jp	Study of compound semiconductors for the photonic and quantum devcies; hetero-epitaxal growth and characterization of GaN and GaAs nano-structures, MOVPE, MBE, femto-second spectroscopy.
Nanoelectronics	Nano-Spin Devices (Institute of Materials and Systems for Sustainability)	Professor	Takeshi Kato	takeshik <at> nuee.nagoya-u.ac.jp	Basic researches on spin tunnel effect, magnetic superlattices, nano-magnetic materials and spin dynamics, and their application to magnetic random access memories, magnetic recording and magnetic sensors.

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Nanoelectronics	Nano-Electronic Materials (Institute of Materials and Systems for Sustainability)	Professor	Nobuyuki Ikarashi	ikarashi <at> imass.nagoya-u.ac.jp	
Nanoelectronics	Nano-Electronic Materials (Institute of Materials and Systems for Sustainability)	Assoc. prof.	Masahiro Nagao	nagao.masahiro <at> imass.nagoya-u.ac.jp	
Nanoelectronics	Nano-electronics Devices (Institute of Materials and Systems for Sustainability)	Professor	Yutaka Ohno	yohno <at> nuee.nagoya-u.ac.jp	To develop innovative LSIs we are engaged in research and development of quantum effect devices using nanostructures.
Communication Systems	Visual Information	Professor	Toshiaki Fujii	t.fujii <at> nagoya-u.jp	Study on visual information and communication systems such as data compression, image processing, multimedia, 3D images, Free Viewpoint Television and ITS.
Communication Systems	Visual Information	Assoc. prof.	Keita Takahashi	keita.takahashi <at> nagoya-u.jp	Study on visual information and communication systems such as data compression, image processing, multimedia, 3D images, Free Viewpoint Television and ITS.
Communication Systems	Information Networks	Professor	Hiroshi Hasegawa	hasegawa <at> nuee.nagoya-u.ac.jp	Future network technologies that include photonic networks, broadband networks, and next generation multi-service networks. Focuses are on network architectures, photonic network systems/devices, and network control and transport technologies.
Communication Systems	Information Networks	Assoc. prof.	Yojiro Mori	mori <at> nuee.nagoya-u.ac.jp	Future network technologies that include photonic networks, broadband networks, and next generation multi-service networks. Focuses are on network architectures, photonic network systems/devices, and network control and transport technologies.
Communication Systems	Advanced Information Environment	Professor	Nobuo Kawaguchi	kawaguti <at> nuee.nagoya-u.ac.jp	We study smart and ubiquitous computing systems to support human life. We also support ubiquitous communications which enable anyone to access any information at anyplace, anytime , anywhere.
Communication Systems	Advanced Information Environment	Assoc. prof.	Takuro Yonezawa	takuro <at> nagoya-u.jp	We study smart and ubiquitous computing systems to support human life. We also support ubiquitous communications which enable anyone to access any information at anyplace, anytime , anywhere.
Communication Systems	Wireless Systems (Institute of Materials and Systems for Sustainability)	Professor	Masaaki Katayama	katayama <at> nuee.nagoya-u.ac.jp	Development and analysis on multimedia wireless systems based on communication and information theories, traffic theories, and signal processing theories.

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Communication Systems	Wireless Systems (Institute of Materials and Systems for Sustainability)	Assoc. prof.	Hiraku Okada	okada<at>imass.nagoya-u.ac.jp	Development and analysis on multimedia wireless systems based on communication and information theories, traffic theories, and signal processing theories.
Communication Systems	Communication Theory	Professor	Takaya Yamazato	yamazato<at>nagoya-u.jp	We aim to approach the essence of communication from a perspective beyond the existing framework of communication.
Information Systems	Computer Architecture	Professor	Hideki Ando	ando<at>nuee.nagoya-u.ac.jp	We are investigating microprocessor architecture for high-performance and low-power consumption.
Information Systems	Intelligent Systems	Professor	Satoshi Sato	ssato<at>nuee.nagoya-u.ac.jp	We study natural language processing and automated editing technologies, which generate information packages with high readability and usability.
Information Systems	Intelligent Systems	Assoc. prof.	Kohei Ogawa	k-ogawa<at>nuee.nagoya-u.ac.jp	We study natural language processing and automated editing technologies, which generate information packages with high readability and usability.
Information Systems	Computational Intelligence	Professor	Tetsu Iwata	iwata<at>cse.nagoya-u.ac.jp	Our research area is the information security technology mainly from a cryptographic point of view.
Information Systems	Control System	Professor	Shinji Doki	doki<at>nuee.nagoya-u.ac.jp	Human-like robots based on brains with emergent soft computers, intelligent motion control systems with the signal-symbol hybrid systems and advanced motor drive systems with adaptive and robust controls.
Information Systems	Control System	Assoc. prof.	Yuki Funabora	funabora<at>nagoya-u.jp	Human-like robots based on brains with emergent soft computers, intelligent motion control systems with the signal-symbol hybrid systems and advanced motor drive systems with adaptive and robust controls.

* Please change <at> to @ in an email address of each faculty member.

Laboratory List

Automotive Engineering (Mechanical Systems Engineering)

Research Group	Research Area	Job title	Name	Email	Research Interests
Mechanical Science and Engineering	Thermal Control Engineering	Professor	Hosei Nagano	hosei.nagano@mae.nagoya-u.ac.jp	The creation of next-generation thermal management technology based on advanced measurements
Mechanical Science and Engineering	Thermal Control Engineering	Assoc. prof.	Kazuhiro Yamamoto	kazuhiro.yamamoto@mae.nagoya-u.ac.jp	The creation of next-generation thermal management technology based on advanced measurements
Mechanical Science and Engineering	Thermal Control Engineering	Lecturer	Ai Ueno	ai.ueno@mae.nagoya-u.ac.jp	The creation of next-generation thermal management technology based on advanced measurements
Mechanical Science and Engineering	Energy and Environmental Engineering	Professor	Ichiro Naruse	ichiro.naruse@mae.nagoya-u.ac.jp	Development of globally and locally ecological energy conversion technologies
Mechanical Science and Engineering	Energy and Environmental Engineering	Assoc. prof.	Ryo Yoshiie	ryo.yoshiie@mae.nagoya-u.ac.jp	Development of globally and locally ecological energy conversion technologies
Mechanical Science and Engineering	Energy and Environmental Engineering	Assoc. prof.	Yasuaki Ueki	yasuaki.ueki@mae.nagoya-u.ac.jp	Development of globally and locally ecological energy conversion technologies
Mechanical Science and Engineering	Statistical Fluid Engineering	Professor	Yasumasa Ito	yasumasa.ito@mae.nagoya-u.ac.jp	Researches on turbulent transport phenomena and related
Mechanical Science and Engineering	Biomechanics	Professor	Takeo Matsumoto	takeo.matsumoto@mae.nagoya-u.ac.jp	Multiscale elucidation of mechanical adaptation phenomena of biological tissues and its application to medicine and engineering
Mechanical Science and Engineering	Biomechanics	Assoc. prof.	Eijiro Maeda	eijiro.maeda@mae.nagoya-u.ac.jp	Multiscale elucidation of mechanical adaptation phenomena of biological tissues and its application to medicine and engineering
Mechanical Science and Engineering	Solid Mechanics	Professor	Dai Okumura	dai.okumura@mae.nagoya-u.ac.jp	Solid Mechanical Properties: Nano, Micro, Macro
Mechanical Science and Engineering	Solid Mechanics	Assoc. prof.	So Nagashima	so.nagashima@mae.nagoya-u.ac.jp	Solid Mechanical Properties: Nano, Micro, Macro
Mechanical Science and Engineering	Computational Mechanics	Professor	Toshiro Matsumoto	toshiro.matsumoto@mae.nagoya-u.ac.jp	Advancement of Numerical Simulation and Virtual Engineering Technology and Their Applications to Design Engineering
Mechanical Science and Engineering	Computational Mechanics	Assoc. prof.	Toru Takahashi	toru.takahashit@mae.nagoya-u.ac.jp	Advancement of Numerical Simulation and Virtual Engineering Technology and Their Applications to Design Engineering
Mechano-Informatics	Mechanical System Dynamics	Professor	Tsuyoshi Inoue	inoue.tsuyoshi@nagoya-u.jp	Modeling, analysis and control of nonlinear mechanical systems
Mechano-Informatics	Mechanical System Dynamics	Assoc. prof.	Akira Heya	akira.heya@mae.nagoya-u.ac.jp	Modeling, analysis and control of nonlinear mechanical systems

Automotive Engineering (Mechanical Systems Engineering)

Research Group	Research Area	Job title	Name	Email	Research Interests
Mechano-Informatics	Vehicle Safety Engineering	Professor	Koji Mizuno	koji.mizuno<at>mae.nagoya-u.ac.jp	Understanding of injury mechanisms and prevention of human injury during motor vehicle impact
Mechano-Informatics	Dynamical Systems Control	Assoc. prof.	Toru Asai	toru.asai<at>mae.nagoya-u.ac.jp	Design of Dynamics and Systems Innovation
Mechano-Informatics	Biomechanical Control	Professor	Ichiro Takeuchi	ichiro.takeuchi<at>mae.nagoya-u.ac.jp	Design and Control of Intelligent Mechanical Systems based on Brain-like Control Mechanism
Mechano-Informatics	Biomechanical Control	Assoc. prof.	Kouichi Taji	kouichi.taji<at>mae.nagoya-u.ac.jp	Design and Control of Intelligent Mechanical Systems based on Brain-like Control Mechanism
Mechano-Informatics	Mobility System	Professor	Tatsuya Suzuki	tatsuya.suzuki<at>mae.nagoya-u.ac.jp	Modeling, analysis, and control of mobility systems based on advanced system science
Mechano-Informatics	Mobility System	Assoc. prof.	Hiroyuki Okuda	h_okuda<at>nuem.nagoya-u.ac.jp	Modeling, analysis, and control of mobility systems based on advanced system science
Mechano-Informatics	Mobility System	Assoc. prof.	Akira Ito	akira.ito<at>mae.nagoya-u.ac.jp	Modeling, analysis, and control of mobility systems based on advanced system science
Micro-Nano Mechanical Science	Advanced Manufacturing Process	Professor	Noritsugu Umehara	noritsugu.umehara<at>mae.nagoya-u.ac.jp	Creation and Evaluation of Function Surface for new generation machine systems
Micro-Nano Mechanical Science	Advanced Manufacturing Process	Assoc. prof.	Takayuki Tokoroyama	takayuki.tokoroyama<at>mae.nagoya-u.ac.jp	Creation and Evaluation of Function Surface for new generation machine systems
Micro-Nano Mechanical Science	Material Characterization & Mechanics	Assoc. prof.	Yuhki Toku	yuki.toku<at>mae.nagoya-u.ac.jp	Creation and Development of Advanced Materials through Integration of Nano-characterization and Nano-mechanics
Micro-Nano Mechanical Science	Micro Thermal-Fluids Engineering	Assoc. prof.	Hiroki Yamaguchi	hiroki.yamaguchi<at>mae.nagoya-u.ac.jp	Microscale Analyses of Atomic/Molecular Flows
Micro-Nano Mechanical Science	Sensing Engineering	Professor	Kenji Fukuzawa	kenji.fukuzawa<at>mae.nagoya-u.ac.jp	Nanometrology and Intelligent Sensing for Micro-Nano Mechatronics
Micro-Nano Mechanical Science	Sensing Engineering	Assoc. prof.	Shintaro Itoh	shintaro.itoh<at>mae.nagoya-u.ac.jp	Nanometrology and Intelligent Sensing for Micro-Nano Mechatronics
Micro-Nano Systems	Biorobotics and Biomedical Engineering	Assoc. prof.	Hisataka Maruyama	hisataka.maruyama<at>mae.nagoya-u.ac.jp	Robotics Based on MEMS and Nanotechnology for Biomedical Innovation
Micro-Nano Systems	Intelligent Robotics and Biomechanics	Professor	Yasuhisa Hasegawa	yasuhisa.hasegawa<at>mae.nagoya-u.ac.jp	Intelligent robotic systems for human support and micro/nano mechatronics
Micro-Nano Systems	Intelligent Robotics and Biomechanics	Assoc. prof.	Tadayoshi Aoyama	tadayoshi.aoyama<at>mae.nagoya-u.ac.jp	Intelligent robotic systems for human support and micro/nano mechatronics
Micro-Nano Systems	MEMS and Micro-Nano Machining	Professor	Seiichi Hata	seiichi.hata<at>mae.nagoya-u.ac.jp	MEMS, Micro/Nano Mechatronics and Micromachining
Micro-Nano Systems	MEMS and Micro-Nano Machining	Assoc. prof.	Junpei Sakurai	junpei.sakurai<at>mae.nagoya-u.ac.jp	MEMS, Micro/Nano Mechatronics and Micromachining

Automotive Engineering (Mechanical Systems Engineering)

Research Group	Research Area	Job title	Name	Email	Research Interests
Aerodynamics and Propulsion	Fluid Dynamics	Assoc. prof.	Watanabe Tomoaki	tomoaki.watanabe@mae.nagoya-u.ac.jp	Turbulent flow phenomena and flight system in aerospace engineering
Aerodynamics and Propulsion	Shock Wave and Space Propulsion	Professor	Akihiro Sasoh	akihiro.sasoh@mae.nagoya-u.ac.jp	Understanding physics of shock waves and plasma flows for applying supersonic flight and space propulsion applications
Aerodynamics and Propulsion	Shock Wave and Space Propulsion	Assoc. prof.	Kiyoshi Kinefuchi	kiyoshi.kinefuchi@mae.nagoya-u.ac.jp	Understanding physics of shock waves and plasma flows for applying supersonic flight and space propulsion applications
Aerodynamics and Propulsion	Propulsion and Energy Systems Engineering	Professor	Jiro Kasahara	kasahara@nuae.nagoya-u.ac.jp	Research on next generation's aerospace propulsion/detonation engine
Aerodynamics and Propulsion	Propulsion and Energy Systems Engineering	Assoc. prof.	Ken Matsuoka	ken.matsuoka@mae.nagoya-u.ac.jp	Research on next generation's aerospace propulsion/detonation engine
Structure and Manufacturing	Structural Mechanics	Professor	Masahiro Arai	masahiro.arai@mae.nagoya-u.ac.jp	Creation of innovative material and structural systems and development of advanced evaluation methods
		Professor	Akinori Yoshimura	akinori.yoshimura@mae.nagoya-u.ac.jp	
Structure and Manufacturing	Structural Mechanics	Assoc. prof.	Keita Goto	keita.goto@mae.nagoya-u.ac.jp	Creation of innovative material and structural systems and development of advanced evaluation methods
Structure and Manufacturing	Production Engineering	Professor	Eiji Shamoto	eiji.shamoto@mae.nagoya-u.ac.jp	Recent advances in precise/micro/high-efficiency machining and clarification of machining phenomena
Structure and Manufacturing	Production Engineering	Assoc. prof.	Takehiro Hayasaka	takehiro.hayasaka@mae.nagoya-u.ac.jp	Recent advances in precise/micro/high-efficiency machining and clarification of machining phenomena
Flight and Control	Aerospace Vehicle Dynamics	Professor	Shigeru Sunada	shigeru.sunada@mae.nagoya-u.ac.jp	Aircraft and spacecraft systems that can be achieved through the use of advanced technologies
Flight and Control	Aerospace Vehicle Dynamics	Assoc. prof.	Takaya Inamori	takaya.inamori@mae.nagoya-u.ac.jp	Aircraft and spacecraft systems that can be achieved through the use of advanced technologies
Flight and Control	Control Systems Engineering	Professor	Susumu Hara	susumu.hara@mae.nagoya-u.ac.jp	Development and realization of advanced control methodologies for aerospace systems
Flight and Control	Control Systems Engineering	Assoc. prof.	Daisuke Tsubakino	daisuke.tsubakino@mae.nagoya-u.ac.jp	Development and realization of advanced control methodologies for aerospace systems

* Please change <at> to @ in an email address of each faculty member.
 For more details on Research Interests, please also check the website below.
<http://meas.engg.nagoya-u.ac.jp/en/>

*If you wish to be enrolled in the Automotive Engineering program but desire a faculty member who is not listed on this roster as your preferred advisor, please contact the professors and consult with them accordingly.