

List of Secondary Supervisors for the International Graduate Program for Excellence in Earth-Space Science (IGPEES)

Name	Title, Affiliation	Specialization
HIROSE Kei	Professor, Department of Earth and Planetary Science, Graduate School of Science [Program Coordinator]	High-pressure Geoscience
ABE-OUCHI Ayako	Professor, Atmosphere and Ocean Research Institute	Paleoclimate modelling, Antarctica dynamics, Climate dynamics, Ice sheet dynamics and climate
AMANO Takanobu	Associate Professor, Department of Earth and Planetary Science, Graduate School of Science	Space Physics
ENDO Kazuyoshi	Professor, Department of Earth and Planetary Science, Graduate School of Science	Geosphere and Biosphere Science
FUKUSHIMA Kenji	Professor, Department of Physics, Graduate School of Science	Nuclear Physics Theory
FUNASE Ryu	Associate Professor, Department of Aeronautics and Astronautics, Graduate School of Engineering	Nano-satellites, Deep Space Exploration Systems
FURUSAWA Chikara	Professor, Universal Biology Institute (UBI), Graduate School of Science	Biophysics, Evolutionary Biology
GOTO Kazuhisa	Professor, Department of Earth and Planetary Science, Graduate School of Science	Geology, Sedimentology
HIRAGA Takehiko	Associate Professor, Earthquake Research Institute	Mineral and rock physics
HIRATA Takafumi	Professor, Geochemical Research Center, Graduate School of Science	Geochemistry
HONMA Mareki	Professor, National Astronomical Observatory of Japan	Radio astronomy
HOTOKEZAKA Kenta	Associate Professor, Research Center for the Early Universe (RESCEU), Graduate School of Science	Astrophysics
IBE Masahiro	Associate Professor, Institute for Cosmic Ray Research	Particle Theory
ICHIHARA Mie	Associate Professor, Earthquake Research Institute	Physical volcanology
IIZUKA Tsuyoshi	Associate Professor, Department of Earth and Planetary Science, Graduate School of Science	Geochemistry and cosmochemistry
IKARI Satoshi	Associate Professor, Department of Aeronautics and Astronautics, Graduate School of Engineering	Micro-satellite, Formation flight
IMAMURA Takeshi	Professor, Department of Complexity Science and Engineering, Graduate School of Frontier Sciences	Planetary atmosphere, Planetary exploration
ISHIZAKI Akihito	Professor, Department of Chemistry, Graduate School of Science	Quantum Chemistry
ITAI Takaaki	Associate Professor, Department of Earth and Planetary Science, Graduate School of Science	Environmental Geochemistry, Ecological Geochemistry, Limnochemistry
KAGI Hiroyuki	Professor, Geochemical Research Center, Graduate School of Science	Geochemistry, Deep earth mineralogy
KASAHARA Satoshi	Associate Professor, Department of Earth and Planetary Science, Graduate School of Science	Space and planetary science: space-borne instrumentation and data analyses
KASHIKAWA Nobunari	Professor, Department of Astronomy, Graduate School of Science	Galactic Astronomy
KAWAI Kenji	Associate Professor, Department of Earth and Planetary Science, Graduate School of Science	Global seismology, Study of Earth's deep interior

Name	Title, Affiliation	Specialization
<u>KINOSHITA Masataka</u>	Professor, Earthquake Research Institute	Marine Geology and Geophysics, Ocean Drilling and Observatory, Geothermics
<u>KOBAYASHI Naoto</u>	Associate Professor, Institute of Astronomy, Graduate School of Science	Astrophysics, Optical-Infrared Astronomy
<u>KOIZUMI Hiroyuki</u>	Associate Professor, Department of Advanced Energy, Graduate School of Frontier Sciences	Space Propulsion
<u>KOMATSU Kazuki</u>	Associate Professor, Geochemical Research Center, Graduate School of Science	High pressure neutron science, Mineralogy, Crystallography
<u>KOMIYA Tsuyoshi</u>	Professor, Department of Multi-Disciplinary Sciences, Graduate School of Arts and Sciences	Decoding evolution of Earth and life, geology and petrology
<u>LIANG Haozhao</u>	Associate Professor, Department of Physics, Graduate School of Science	Nuclear Physics Theory
<u>MASUMOTO Yukio</u>	Professor, Department of Earth and Planetary Science, Graduate School of Science	Climate Dynamics, Physical Oceanography
<u>MIURA Hiroaki</u>	Associate Professor, Department of Earth and Planetary Science, Graduate School of Science	Atmospheric Science
<u>MIYAKE Hiroe</u>	Associate Professor, Earthquake Research Institute	Natural Disaster Science
<u>MIYAMOTO Hideaki</u>	Professor, Department of Systems Innovation, Graduate School of Engineering	Planetary geology, space resources
<u>MIYATA Takashi</u>	Professor, Institute of Astronomy, Graduate School of Science	Infrared Astronomy
<u>MORODA Tomokatsu</u>	Associate Professor, Department of Earth and Planetary Science, Graduate School of Science	Planetary Science, Lunar and Planetary Exploration
<u>MURAYAMA Hitoshi</u>	University Professor, Kavli Institute for the Physics and Mathematics of the Universe	Particle Theory
<u>NAKAMURA Fumitaka</u>	Associate Professor, National Astronomical Observatory of Japan	theoretical astronomy/radio astronomy
<u>NISHIYAMA Kazutaka</u>	Associate Professor, Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency	Electric Propulsion
<u>OGIHARA Naomichi</u>	Professor, Department of Biological Sciences, Graduate School of Science	Human evolutionary biomechanics
<u>SEKI Kanako</u>	Professor, Department of Earth and Planetary Science, Graduate School of Science	Space Physics, Planetary Aeronomy
<u>SHIMIZU Hisayoshi</u>	Professor, Earthquake Research Institute	Geomagnetism, Geophysical Fluid Dynamics, Magnetohydrodynamics
<u>SUGA Hiroaki</u>	Professor, Department of Chemistry, Graduate School of Science	Bioorganic Chemistry
<u>SUGITA Seiji</u>	Professor, Department of Earth and Planetary Science, Graduate School of Science	Planetary Exploration
<u>SUZUKI Takeru</u>	Professor, Graduate School of Arts and Sciences	Astrophysics
<u>TACHIBANA Shogo</u>	Professor, UTokyo Organization for Planetary Space Science, Graduate School of Science	Cosmochemistry
<u>TAKAHASHI Yoshio</u>	Professor, Department of Earth and Planetary Science, Graduate School of Science	Molecular Geochemistry, Environmental Chemistry
<u>TANAKA Junichi</u>	Professor, International Center for Elementary Particle Physics	Particle Experiment
<u>TOMARU Takayuki</u>	Professor, National Astronomical Observatory of Japan	Gravitational Wave Astronomy (Experiment)

Name	Title, Affiliation	Specialization
TOZUKA Tomoki	Associate Professor, Department of Earth and Planetary Science, Graduate School of Science	Physical oceanography, Climate dynamics
TSUCHIMATSU Takashi	Associate Professor, Department of Biological Sciences, Graduate School of Science	Evolutionary Biology, Ecology, Population Genetics
YAMASAKI Noriko	Professor, Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency	Astrophysics
YOKOYAMA Yusuke	Professor, Atmosphere and Ocean Research Institute	Geochemistry, Palaeoclimatology, Palaeoceanography
YOSHIKAWA Ichiro	Professor, Department of Complexity Science and Engineering, Graduate School of Frontier Sciences	Planetary Exploration