

List of Faculties
Tokyo Institute of Technology International Graduate Program (A)
Commencing in September 2022

A6 Global Leader Program for Transdisciplinary Research

| Academic Supervisor | | Research Field | Remarks | Graduate Major |
|---------------------|-----------------------|---|---------|---|
| Professor | CROSS, Jeffrey Scott | Applied/Explainable AI (XAI), Bio-fuels, Catalysts, Ecotoxicology and System Science, Edtech, Renewable Energy Systems & Policy | | ·Energy Science and Engineering |
| 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 ·Engineering Sciences and Design |
| 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 | Zero-Carbon Energy Systems, Energy Storage & Conversion, Carbon Recycling Energy Systems, Chemical Heat Pump, Hydrogen Energy | | ·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 | NOHARA, Kayoko | Translation Studies, Linguistics, Science Communication, Science and Art | | ·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 | OTOMO, Junichiro | Energy Conversion Chemistry, Electrosynthesis, Fuel Cell, Hydrogen Energy Storage, Energy System Assessment, Integrated Energy Engineering | | ·Energy Science and 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 |
| Professor | TAKAHASHI, Kunio | Mechanical Engineering, Mechanics, Material Science, Material Processing | | ·Global Engineering for Development, Environment and Society ·Engineering Sciences and Design ·Energy Science and Engineering |
| Professor | TSUJIMOTO, Masaharu | Platform Strategy, Ecosystem Strategy, Social System Design | | ·Engineering Sciences and Design |
| 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 | ABE, Naoya | Environmental and Social Sustainability, Water-Food-Energy insecurity, Applied Economics, International Development | | ·Global Engineering for Development, Environment and Society ·Engineering Sciences and Design |
| Associate Professor | AKITA, Daisuke | Aerospace System, High-Speed Aerodynamics | | ·Global Engineering for Development, Environment and Society ·Engineering Sciences and Design ·Energy Science and Engineering |
| 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 | HARADA, Takuya | Inorganic Materials, Chemical Process Engineering, CO2 Capture & Utilization, Carbon Neutral Cycle | | ·Nuclear Engineering |
| 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 |

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| 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 A (中村 恭志) | Computational Environmental Fluid Dynamics, Computational Scheme, Multi Physics Simulation | | ·Global Engineering for Development, Environment and Society |
| Associate Professor | NAKAMURA, Takashi B (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 | 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 | TSUTSUI, Hiroaki | Plasma Physics and Nuclear Fusion, Superconducting Magnetic Energy Storage System | | ·Nuclear Engineering |
| Associate Professor | VARQUEZ, Alvin Chrostppher Gale | 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 |