

Hybrid Twinning Program

-Appendix-

Shibaura Institute of Technology

2017/2018

**Fields and Supervisors to receive students for the
Hybrid Twinning Program**

Shibaura Institute of Technology

2017/2018

| Research Field | Professors | Campus | Reserch Title (Master's Program) | Lecture Subject (Master's Program) | Reserch Title (Doctor's Program) | Mail Address | Profiles |
|-------------------------------------|--------------------|---------------------------|---|---|--|---|---|
| Electric and Electronic Engineering | AKATSU Kan | Toyosu | Electric Machinery and Applications | Advanced PM machine, structure and control | Advanced Research Program on Systems Control Engineering | akatsu@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/kan-akatsu |
| | ANDO Yoshinobu | Toyosu | Robotics and Mechatronics | Autonomous Mobile Robot System | Advanced Research Program on Systems Control Engineering | yando@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/yoshinobu-andou |
| | CHEN Xinkai | Omiya | Research on Control Systems | Control Systems Engineering | Advanced Research Program on Systems Control Engineering | chen@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/xinkai-chen |
| | FUJITA Goro | Toyosu | Electric Power System Engineering | Advanced Power System | Advanced Research Program on Environmental Energy Engineering | gfujiita@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/goro-fujiita |
| | HASEGAWA Tadahiro | Toyosu | Robotics and Mechatronics | Micro Mechatronics | Advanced Research Program on Systems Control Engineering | thase@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/tadahiro-hasegawa |
| | MATSUMOTO Satoshi | Toyosu | Power Apparatus Technology | Advances in High Voltage and Power Apparatus Engineering | Advanced Research Program on Environmental Energy Engineering | matu0704@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/satoshi-matsumoto |
| | NISHIKAWA Hiroyuki | Toyosu | Advanced Materials for Energy and Related Areas | Advanced Quantum-Beam Applications | Advanced Research Program on Environmental Energy Engineering | nishi@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/hiroyuki-nishikawa |
| | TAKAMI Hiroshi | Toyosu | Electric Machinery and Applications | Electric Power Control | Advanced Research Program on Systems Control Engineering | takami@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/hiroshi-takami |
| | YOSHIMI Takashi | Toyosu | Robotics and Mechatronics | Robot Task & System | Advanced Research Program on Systems Control Engineering | yoshimit@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/takashi-yoshimi |
| | SAITO Atsushi | Toyosu | Bioelectronics | Sensor Engineering | Advanced Research on Telecommunication Function Control | saitoa@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/atsushi-saitoh |
| | SHIMADA Akira | Shibaura | Robotics and Mechatronics | Advanced Robotic Manipulation | Advanced Research Program on Systems Control Engineering | ashimada@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/akira-shimada |
| | ISHIKAWA Hiroyasu | Toyosu | Seminar in semiconductor physics and devices | Epitaxial Semiconductor Materials | Advanced Research Program on Functional Devices Technology | ishkwh@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/hiroyasu-ishikawa |
| | KOIKE Yoshikazu | Toyosu | Circuits and Ultrasonic | Advanced Electronic Circuit | Advanced Research Program on Functional Devices Technology | koikey@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/yoshikazu-koike |
| | MUGURUMA Hitoshi | Toyosu | Bioelectronics | Advanced Bioelectronics | Advanced Reserch Program on Functional Devices Technology | muguruma@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/hitoshi-muguruma |
| | UENO Kazuyoshi | Toyosu | Nanoelectronics Research | Nano Devices and Materials | Advanced Reserch Program on Functional Devices Technology | ueno@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/kazuyoshi-ueno |
| | YOKOI Hideki | Toyosu | Photonic Devices Engineering | Optical Fiber Engineering | Advanced Reserch Program on Functional Devices Technology | yokoi@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/hideki-vokoi |
| IRIKURA Takashi | Toyosu | Visual Environment | TBA | Advanced Research Program on Environmental Energy Engineering | irikura@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/takashi-irikura | |
| ABIKO Satoko | Toyosu | Robotics and Mechatronics | TBA | Advanced Research Program on Systems Control Engineering | abiko@shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/satoko-abiko | |
| Information Science and Engineering | GYODA Koichi | Toyosu | Wireless Communication Systems Engineering | Wireless Communications Network | Advanced Research on Telecommunication Function Control | gyoda@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/koichi-gyoda |
| | KAMIOKA Eiji | Toyosu | Information and Communication Systems | Ubiquitous Computing System | Advanced Research on Telecommunication Function Control | kamioka@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/eiii-kamioka |
| | HORIE Ryota | Toyosu | Bionic Communication Engineering | Bionic and Biomimetic System Engineering | Advanced Research on Telecommunication Function Control | horie@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/ryota-horie |
| | MORINO Hiroaki | Toyosu | Telecommunication Networks | Mobile Communication Networks | Advanced Research on Telecommunication Function Control | morino@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/hiroaki-morino |

| Research Field | Professors | Campus | Reserch Title (Master's Program) | Lecture Subject (Master's Program) | Reserch Title (Doctor's Program) | Mail Address | Profiles |
|-------------------------------------|-----------------------|--------|---|--|--|--|---|
| Information Science and Engineering | KUBOTA Shuji | Toyosu | Wireless Communication Systems Engineering | Mobile Communication System | Advanced Research on Telecommunication Function Control | kubota@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/shuji-kubota |
| | AIBA Akira | Omiya | Studies on Problem Solving Systems | Computational Models | Advanced Research on Telecommunication Function Control | aiba@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/akira-aiba |
| | KAMEKO Masaki | Omiya | Applied Mathematical Science | Topics in Mathematics | Advanced Research Program on Systems Control Engineering | kameko@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/masaki-kameko |
| | KIMURA Masaomi | Toyosu | Data Engineering | Topics in Data Engineering | Advanced Research Program on Systems Control Engineering | masaomi@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/masaomi-kimura |
| | MANO Kazunori | Omiya | Advanced Communication Design | Statistical Signal Processing | Advanced Research on Telecommunication Function Control | mano@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/kazunori-mano |
| | MIYOSHI Takumi | Omiya | Information Networking Systems | Data Communication Network | Advanced Research on Telecommunication Function Control | miyoshi@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/takumi-miyoshi |
| | FUKUDA Hiroaki | Toyosu | Study of Distributed Systems | TBA | Advanced Research Program on Systems Control Engineering | hiroaki@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/hiroaki-fukuda |
| | USAMI Kimiyoshi | Toyosu | Computer Architecture and LSI Design | Advanced Computer Architecture | Advanced Research Program on Systems Control Engineering | usami@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/kimiyoshi-usami |
| | YAMAZAKI Atsuko | Omiya | Communication and Diversity Studies | Language Communication Studies | Advanced Research Program on Systems Control Engineering | atsuko@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/atsuko-yamazaki |
| | ZHAI Guisheng | Omiya | Research on Mathematic Control | Digital Control Systems | Advanced Research Program on Systems Control Engineering | zhai@shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/guisheng-zhai |
| | NICODIMUS Retdian | Omiya | Electronic Circuits and Systems Design | Electronic Circuits and Systems | Advanced Research on Telecommunication Function Control | nico@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/retdian-nicodimus |
| Applied Chemistry | HAMASAKI Keita | Toyosu | Study on Chemical Biology | Chemical biology | Advanced Research Program on Bio-function Control | hamie@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/keita-hamasaki |
| | IMABAYASHI Shinichiro | Toyosu | Applied Electrochemistry | Basic Electrochemistry | Advanced Research Program on Eco-materials Engineering | s-imaba@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/shinichiro-imabayashi |
| | KITAGAWA Osamu | Toyosu | Synthetic Organic Reaction | Organic Stereochemistry | Advanced Research Program on Eco-materials Engineering | kitagawa@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/osamu-kitagawa |
| | MASADOME Takashi | Toyosu | Environmental Analytical Chemistry | Environmental Analytical Chemistry | Advanced Research Program on Eco-materials Engineering | masadome@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/takashi-masadome |
| | NAKAMURA Asao | Omiya | Supramolecular Chemistry | Bioorganic Photochemistry | Advanced Research Program on Eco-materials Engineering | asao@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/asao-nakamura |
| | NOMURA Mikihiro | Toyosu | Research of Energy Engineering | Energy and Water Treatment Based on Chemical Engineering | Advanced Research Program on Eco-materials Engineering | lscathy@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/mikihiro-nomura |
| | YAMASHITA Mitsuo | Toyosu | Life Science | Life Science | Advanced Research Program on Eco-materials Engineering | yamashi@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/mitsuo-yamashita |
| Bio-Science and Engineering | HANAFUSA Akihiko | Omiya | Research on welfare and rehabilitation support system | Welfare Engineering | Advanced Research Program on Bio-function Control | hanafusa@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/akihiko-hanafusa |
| | KOMEDA Takashi | Omiya | Research on Bio Functional and Bio System | Robotics for Medical and Rehabilitation Field | Advanced Research Program on Systems Control Engineering | komeda@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/takashi-komeda |
| | WATANABE Nobuo | Omiya | System research in biomedical control | Advanced Biofluid Engineering | Advanced Research Program on Bio-function Control | nobuo@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/nobuo-watanabe |
| | YAMAMOTO Shinichiro | Omiya | Research on welfare and rehabilitation support system | Neurophysiology and Rehabilitation Engineering | Advanced Research Program on Systems Control Engineering | yamashin@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/shinichirou-yamamoto |

| Research Field | Professors | Campus | Reserch Title (Master's Program) | Lecture Subject (Master's Program) | Reserch Title (Doctor's Program) | Mail Address | Profiles |
|-----------------------------------|--------------------|-------------------------|--|--|--|---|---|
| Bio-Science and Engineering | YOSHIMI Yasuo | Toyosu | Chemical Engineering | Bioelectronics based on Chemical Engineering | Advanced Research Program on Bio-function Control | yosimi@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/yasuo-yoshimi |
| | SUHARA Yoshitomo | Omiya | Life in Medicinal Science | TBA | Advanced Research Program on Bio-function Control | suhara@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/yoshitomo-suhara |
| | FUKUI Koji | Omiya | Physiological Chemistry | TBA | Advanced Research Program on Bio-function Control | koji@shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/koji-fukui |
| Mechanical Engineering | HASEGAWA Hiroshi | Omiya | Research in Systems Design | Engineering Optimization | Advanced Research Program on Systems Control Engineering | h-hase@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/hiroshi-hasegawa |
| | ITO Kazuhisa | Omiya | Research in Dynamical System Control | Feedback Control System Design | Advanced Research Program on Systems Control Engineering | kazu-ito@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/kazuhisa-ito |
| | ITO Toshio | Omiya | Advanced Driver Assistance Systems Research | Advanced Driver Assistance System | Advanced Research Program on Systems Control Engineering | toshi-ito@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/toshio-ito |
| | MATSUHIRA Nobuto | Toyosu | Intelligent Mechanical Systems | Human-Centric Robotics | Advanced Research Program on Systems Control Engineering | matsuhir@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/nobuto-matsuhira |
| | ONO Naoki | Toyosu | Studies on Heat and Mass Transfer | Microscale Fluid Mechanics | Advanced Research Program on Environmental Energy Engineering | naokiono@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/naoki-ono |
| | TAKASAKI Akito | Toyosu | Structure and Properties of Materials for Mechanical Engineering | Advanced Materials Science | Advanced Research Program on Eco-materials Engineering | takasaki@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/akito-takasaki |
| | TANGE Manabu | Toyosu | Microscale Thermo-fluid Engineering | Experimental Thermo-fluid Engineering | Advanced Research Program on Environmental Energy Engineering | tange@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/manabu-tange |
| | YAMADA Jun | Toyosu | Studies on Radiation Transfer | Advanced Heat Transfer | Advanced Research Program on Environmental Energy Engineering | jyamada@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/jun-yamada |
| | YAMAMOTO Sota | Toyosu | Biomechanics and Injury Prevention | Biomechanics & Injury Prevention | Advanced Research Program on Bio-function Control | sota@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/sota-yamamoto |
| | TANAKA Kotaro | Toyosu | Energy Transfer Engineering | TBA | Advanced Research Program on Environmental Energy Engineering | k-tanaka@shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/kotaro-tanaka |
| HIROSE Toshiya | Toyosu | Human-Machine Interface | Human-Machine System | Advanced Research Program on Systems Control Engineering | hiroset@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/toshiya-hirose | |
| Materials Science and Engineering | KYUNO Kentaro | Toyosu | Semiconductor Materials | Thin Film Physics | Advanced Research Program on Functional Devices Technology | kyuno@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/kentaro-kyuno |
| | MATSUMURA Kazunari | Toyosu | Biomaterials Science and Engineering | Methods in Bio-inspired anomaterial Science | Advanced Research Program on Eco-materials Engineering | matumura@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/kazunari-matsumura |
| | NODA Kazuhiko | Toyosu | Material Chemistry | Materials Chemistry | Advanced Research Program on Eco-materials Engineering | knoda@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/kazuhiko-noda |
| | SHIMOJO Masayuki | Toyosu | Materials Science | Basic Physics in Electron Microscopy | Advanced Research Program on Functional Devices Technology | mshimojo@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/masayuki-shimojo |
| | MURALIDHAR Miryala | Toyosu | Materials for Energy and Environmenta I | Advanced Course on Materials for Energy and Environment | Advanced Research Program on Eco-materials Engineering | mirvala1@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/muralidhar-miryala |
| | YAMAMOTO Ayako | Omiya | High-Pressure Material Science Research | High-Pressure Science | Advanced Research Program on Eco-materials Engineering | ayako@shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/ayako-yamamoto |
| Architecture | AKAHORI Shinobu | Toyosu | Architectural Design | Architectural Environment Planning | Advanced Research Program on Regional Environmental Design | akahori@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/shinobu-akahori |
| | AKIMOTO Takashi | Toyosu | Building Environmental Engineering | Planning of Regional-Energy System and Building Services | Advanced Research Program on Regional Environmental Design | akimoto@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/takashi-akimoto |

| Research Field | Professors | Campus | Reserch Title (Master's Program) | Lecture Subject (Master's Program) | Reserch Title (Doctor's Program) | Mail Address | Profiles |
|-------------------|---------------------|--------|--|--|--|--|---|
| Architecture | ITO Yoko | Toyosu | History of Architecture | History of Architecture and Urban Design | Advanced Research Program on Regional Environmental Design | itouy@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/youko-itou |
| | MAEDA Hidetoshi | Toyosu | Spatial Planning and Design | Urban Plannign and Design | Advanced Research Program on Regional Environmental Design | maeda-h@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/hidetoshi-maeda |
| | MINAMI Kazunobu | Toyosu | Architectural Planning | Architectural Design Theory and Method | Advanced Research Program on Regional Environmental Design | k-minami@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/kazunobu-minami |
| | MIURA Masao | Omiya | Urban Environment Systems | Urban Environment and Building Environment | Advanced Research Program on Regional Environmental Design | masao@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/masao-miura |
| | MURAKAMI Kimiya | Toyosu | Research of Building and Community System | Planning of Regional-Energy System and Building Services | Advanced Research Program on Regional Environmental Design | murakami@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/kimiya-murakami |
| | NAKAMURA Hitoshi | Omiya | Planning for Urban and Regional Resilience | Spatial Planning for Disaster Risk Reduction | Advanced Research Program on Regional Environmental Design | nakamu-h@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/hitoshi-nakamura |
| | SHINOZAKI Michihiko | Toyosu | Environmental Design | Urban Plannign and Design | Advanced Research Program on Regional Environmental Design | sinozaki@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/michihiko-shinozaki |
| | NISHIZAWA Taira | Toyosu | Architectural Design | Architectural Environment Planning | Advanced Research Program on Regional Environmental Design | tairan@sic.shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/taira-nishizawa |
| | SHIMIZU Ikuro | Toyosu | Living Environment | TBA | Advanced Research Program on Regional Environmental Design | ikuro-s@shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/ikuro-shimizu |
| Civil Engineering | IYODA Takeshi | Toyosu | Construction Composite Materials | TBA | Advanced Research Program on Urban Engineering for Disaster Mitigation | ivoda@shibaura-it.ac.jp | https://shibaura.pure.elsevier.com/en/persons/takeshi-ivoda |