

Hybrid Twinning Program

-Appendix-

Shibaura Institute of Technology

2018/2019

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

Shibaura Institute of Technology

2018/2019

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	gufujita@sic.shibaura-it.ac.jp	https://shibaura.pure.elsevier.com/en/persons/goro-fujita
	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
	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-yokoi
	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	
KANO Shinichiro	Toyosu	Biomedical Engineering Measurement Research	Advanced Neural Engineering	Advanced Research Program on Bio-function Control	kanoh@sic.shibaura-it.ac.jp	https://shibaura.pure.elsevier.com/en/persons/shinichiro-kanoh	
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/eiji-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

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	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
	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
	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
	HIROSE Kazuhide	Toyosu	Wireless Communication Systems Engineering	Advanced Antenna Engineering	Advanced Research on Telecommunication Function Control	khirose@sic.shibaura-it.ac.jp	https://shibaura.pure.elsevier.com/en/persons/kazuhide-hirose
	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
	KIYONO Hajime	Toyosu	Inorganic Materials Chemistry Research	Chemistry of Solid State Materials	Advanced Research Program on Eco-materials Engineering	h-kivono@sic.shibaura-it.ac.jp	https://shibaura.pure.elsevier.com/en/persons/hajime-kivono
	NAGA Naofumi	Toyosu	Polymaer Materials Chemistry Research	Polymer Chemistry	Advanced Research Program on Eco-materials Engineering	naga@sic.shibaura-it.ac.jp	https://shibaura.pure.elsevier.com/en/persons/naofumi-naga
	HATANO Akihiko	Toyosu	Biomolecular Chemistry Research	Enzyme Engineering	Advanced Research Program on Eco-materials Engineering	a-hatano@sic.shibaura-it.ac.jp	https://shibaura.pure.elsevier.com/en/persons/akihiko-hatano

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	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
	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
	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	Transport Phenomena	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
	MAEDA Shingo	Toyosu	Intelligent Materials Research	Advanced Micro and Nano Machine	Advanced Research Program on Functional Devices Technology	maeshin@sic.shibaura-it.ac.jp	https://shibaura.pure.elsevier.com/en/persons/shingo-maeda
SUWA Yoshihide	Toyosu	Fluid Applied Engineering Research	Advanced Applications of Fluid Engineering	Advanced Research Program on Environmental Energy Engineering	y-suwa@sic.shibaura-it.ac.jp	https://shibaura.pure.elsevier.com/en/persons/yoshihide-suwa	
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

Research Field	Professors	Campus	Reserch Title (Master's Program)	Lecture Subject (Master's Program)	Reserch Title (Doctor's Program)	Mail Address	Profiles
Materials Science and Engineering	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 l	Advanced Course on Materials for Energy and Environment	Advanced Research Program on Eco-materials Engineering	miryala1@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	avako@shibaura-it.ac.jp	https://shibaura.pure.elsevier.com/en/persons/avako-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
	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
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	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
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	SHIMIZU Ikuro	Toyosu	Living Environment	Housing and Environmental	Advanced Research Program on Regional Environmental Design	ikuro-s@shibaura-it.ac.jp	https://shibaura.pure.elsevier.com/en/persons/ikuro-shimizu
	SUZUKI Shunji	Toyosu	Environmental Design	Placemaking Studies	Advanced Research Program on Regional Environmental Design	sshunji@sic.shibaura-it.ac.jp	https://shibaura.pure.elsevier.com/en/persons/shunii-suzuki
Civil Engineering	IYODA Takeshi	Toyosu	Construction Composite Materials	Science of Concrete Material	Advanced Research Program on Urban Engineering for Disaster Mitigation	iyoda@shibaura-it.ac.jp	https://shibaura.pure.elsevier.com/en/persons/takeshi-iyoda
	NAMIKAWA Tsutomu	Toyosu	Geotechnical Engineering Science	Geomatechnical Engineering	Advanced Research Program on Regional Environmental Design	namikawa@sic.shibaura-it.ac.jp	https://shibaura.pure.elsevier.com/en/persons/tsutomu-namikawa
	ANAMI Kengo	Toyosu	Civil Engineering Structures Research	Durability Design for Steel Structures	Advanced Research Program on Urban Engineering for Disaster Mitigation	anami@sic.shibaura-it.ac.jp	https://shibaura.pure.elsevier.com/en/persons/kengo-anami
	MIYAMOTO Hitoshi	Toyosu	Water Engineering	Environmental Hydraulics	Advanced Research Program on Regional Environmental Design	mivamo@sic.shibaura-it.ac.jp	https://shibaura.pure.elsevier.com/en/persons/hitoshi-miyamoto