

# List of Faculty

## Tokyo Institute of Technology International Graduate Program (C)

### Commencing in September 2022

**School of Computing**  
**Dept. of Computer Science**

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	KISE, Kenji	Computer Architecture		Computer Science Artificial Intelligence
Professor	KOIKE, Hideki	Human-Computer Interaction, Graphics & Vision		Computer Science Artificial Intelligence
Professor	GONDOW, Katsuhiko	Software Development Environments		Computer Science Artificial Intelligence
Professor	DEFAGO, Xavier	Distributed Algorithms, Dependable Systems, Cooperative Mobile Robots		Computer Science Artificial Intelligence
Professor	NISHIZAKI, Shinya	Semantics of Programming Languages, Software Science		Computer Science Artificial Intelligence
Professor	MIYAZAKI, Jun	Data-centric High Performance Computing, Cloud Computing, Large-scale Information reflection and		Computer Science Artificial Intelligence
Professor	WATANABE, Takuo	Metaprogramming, Concurrency, Programming Languages, Formal Methods		Computer Science Artificial Intelligence
Associate Professor	KANEKO, Haruhiko	Dependable System, Joint Coding Theory		Computer Science Artificial Intelligence
Professor	KOBAYASHI, Takashi	Software Engineering		Computer Science Artificial Intelligence
Associate Professor	HAYASHI, Shinpei	Software engineering		Computer Science Artificial Intelligence
Associate Professor	YOKOTA, Rio	High Performance Computing, Large Scale Deep Learning, Scientific Computing, Scalable Linear Algebra Algorithms		Computer Science Artificial Intelligence
Professor	AKIYAMA, Yutaka	Bioinformatics		Artificial Intelligence Computer Science
Professor	ISHII, Hideaki	Systems and Control, Control Over Networks		Human Centered Science and Biomedical Engineering Artificial Intelligence
Professor	OKAZAKI, Naoaki	Natural Language Processing, Artificial Intelligence, Deep Learning, Social Media Analytics		Artificial Intelligence Computer Science
Professor	SHINODA, Koichi	Statistical Pattern Recognition, Audio and Video Scene Understanding		Artificial Intelligence Computer Science
Professor	TOKUNAGA, Takenobu	Computational Linguistics, Natural Language Processing		Artificial Intelligence Computer Science

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Professor	MIYAKE, Yoshihiro	Co-creation System, Communication Science, Self-Organization, Human Interface (VR/AR), Human-Robot Interaction		Artificial Intelligence Computer Science
Professor	MURATA, Tsuyoshi	Artificial Intelligence, Network Science, Machine Learning, Social Network Analysis, Web Mining		Artificial Intelligence Computer Science
Professor	YAMAMURA, Masayuki	DNA Computing, Natural Computing, Systems Biology		Artificial Intelligence Computer Science
Associate Professor	AONISHI, Toru	Computational Neuroscience, Statistical Mechanics		Artificial Intelligence Computer Science
Associate Professor	ISHIDA, Takashi	Data Mining, Bioinformatics		Artificial Intelligence Computer Science
Associate Professor	ONO, Isao	Evolutionary Computation, Optimization		Artificial Intelligence Computer Science
Associate Professor	ONO, Shunsuke	Signal Processing, Image Processing, Mathematical Optimization, Data Science & AI		Artificial Intelligence Computer Science
Associate Professor	KANEZAKI, Asako	Machine Learning, Robotics, Pattern Recognition, Computer Vision, 3D Object Recognition		Artificial Intelligence Computer Science
Associate Professor	SAITO, Suguru	Computer Graphics, Image Processing		Artificial Intelligence Computer Science
Associate Professor	SHIMOSAKA, Masamichi	Machine Intelligence, Machine Learning, Pattern recognition, Crowd Sensing, Ubiquitous Computing		Artificial Intelligence Computer Science
Associate Professor	SEKIJIMA, Masakazu	Bioinformatics, Chemoinformatics, Supercomputing		Artificial Intelligence Computer Science
Associate Professor	TAKINOUE, Masahiro	Biophysics, Nonlinear Nonequilibrium Science, Microfluidics, Artificial Cell, Molecular Robotics		Artificial Intelligence Computer Science
Associate Professor	MUROFUSHI, Toshiaki	non-additive measure theory, Theory of set functions, Theory of piecewise linear functions, Information visualization, Formal concept analysis		Artificial Intelligence
Associate Professor	INOUE, Nakamasa	Multimedia Analysis, Video Retrieval, Image Recognition, Speech Recognition, Deep Learning, Artificial Intelligence		Artificial Intelligence Computer Science
Assistant Professor (Tenure Track)	OHUE, Masahito	Bioinformatics, Machine Learning, Chemoinformatics, Supercomputing, Biophysics		Artificial Intelligence Computer Science

Academic Supervisor		Research Field	Remarks	Graduate Major
Specially Appointed Associate Professor	KAWAKAMI, Rei	Computer Vision, Image Processing, Multimedia Signal Processing, AR/VR/XR, Anomaly Detection		Artificial Intelligence
Specially Appointed Associate Professor	SATO, Ikuro	Pattern Recognition, Machine Learning, Image Sensing, Autonomous Driving		Artificial Intelligence