

List of Faculty

Tokyo Institute of Technology International Graduate Program (C)

Commencing in Septem September 2022

School of Computing

Dept. of Mathematical and Computing Science

Academic Supervisor		Research Field	Remarks	Graduate Major
Professor	ITOH, Toshiya	Complexity Theory, Approximation Algorithms, Online Algorithms		Mathematical and Computing Science
Professor	UMEHARA, Masaaki	Differential Geometry		Mathematical and Computing Science
Professor	ENDO, Toshio	High-Performance Computing, Parallel Software	GSIC	Mathematical and Computing Science
Associate Professor	KASHIMA, Ryo	Mathematical Logic, Non-Classical Logics		Mathematical and Computing Science
Professor	KANAMORI, Takafumi	Mathematical Statistics, Machine Learning		Mathematical and Computing Science
Associate Professor	SAKAMOTO, Ryuichi	Computer Architecture, System Software, Low Power System, High Performance Computing	GSIC	Mathematical and Computing Science
Associate Professor	SUZUKI, Sakie	Knot Theory, Quantum Topology		Mathematical and Computing Science
Associate Professor (Lecturer)	SUMITA, Hanna	Combinatorial Optimization, Discrete Structure, Algorithms		Mathematical and Computing Science
Associate Professor	TAKABE, Satoshi	Statistical Physics, Signal Processing, Machine Learning, Optimization		Mathematical and Computing Science
Professor	TAKAYASU, Misako	Statistical Physics, Econophysics, Complex Networks	IIR	Artificial Intelligence Mathematical and Computing Science
Professor	TANAKA, Keisuke	Cyprocurrency and Blockchain Technology, Cybersecurity, Theory of Cryptography		Mathematical and Computing Science
Associate Professor (Lecturer)	TSUCHIOKA, Shunsuke	Quantum Algebra, Representation Theory		Mathematical and Computing Science
Associate Professor	NAKANO, Yumiharu	Stochastic Differential Equations, Stochastic Control		Mathematical and Computing Science
Professor	NISHIBATA, Shinya	Theory of Partial Differential Equations		Mathematical and Computing Science
Professor	MASUHARA, Hidehiko	Programming Languages, Software Development Environment		Mathematical and Computing Science
Associate Professor	MIURA, Hideyuki	Theory of Partial Differential Equations		Mathematical and Computing Science
Professor	MINAMIDE, Yasuhiko	Software Verification, Programming Languages		Mathematical and Computing Science

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Professor	MIYOSHI, Naoto	Applied Probability, Stochastic Models, Theory of Point Processes, Queueing Theory		Mathematical and Computing Science
Associate Professor	MUROFUSHI, Toshiaki	Nonadditive Measures, Set Functions, Piecewise Linear Functions, Information Visualization, Formal Concept Analysis		Mathematical and Computing Science Artificial Intelligence
Assistant Professor	MORI, Ryuhei	Quantum Information, Information Theory, Theoretical Computer Science		Mathematical and Computing Science
Associate Professor	YASUNAGA, Kenji	Cryptography, Coding Theory, Theory of Computing		Mathematical and Computing Science
Professor	YAMASHITA, Makoto	Mathematical Optimization, Continuous Optimization, Numerical Optimization		Mathematical and Computing Science
Associate Professor	WAKITA, Ken	Information Visualization, Visual Analytics System, user interface, Data Analysis		Mathematical and Computing Science