Physics and Mathematics Graduate Program (M, D)

Graduate School	Department	Research Group	Supervisor/Staff			
			Professor	Associate Professor	Lecturer	Assistant Professor
Graduate School of Mathematics	Mathematics	Combinatorial Theory	Soichi Okada			
		Analytic Number Theory	Kohji Matsumoto Hidekazu Furusho	Henrik Bachmann		
		Algebraic Number Theory	Kazuhiro Fujiwara Hidekazu Furusho	Hiroshi Suzuki Henrik Bachmann		Shun Okubo
		Arithmetic Geometry	Kazuhiro Fujiwara Hidekazu Furusho			Shun Okubo
		Algebraic Geometry	Shigeyuki Kondo Kazuhiro Fujiwara Akira Ishii	Shintaro Yanagida		Atsushi Ito Genki Ouchi
		Fractal Geometry		Johannes Jaerisch		
		Algebraic Analysis				
		Commutative Algebra		Ryo Takahashi		
		Non-Commutative Algebra		Erik Darpö		
		Represention Theory	Tohru Uzawa Soichi Okada Tomoki Nakanishi	Takahiro Hayashi Ryo Takahashi Shintaro Yanagida Hiroyuki Nakaoka Erik Darpö		
		Category Theory		Hiroyuki Nakaoka		
		Topology	Hiroshi Ohta Hitoshi Moriyoshi	Tomomi Kawamura		
		Algebraic Topology	Lars Hesselholt			
		Homotopy Theory	Lars Hesselholt			
		Differential Geometry	Hiroshi Ohta Ryoichi Kobayashi Shin Nayatani Hitoshi Moriyoshi	Hisashi Naito Shinichiroh Matsuo Kentaro Ito		Takeshi Sato
		Hyperbolic Geometry		Kentaro Ito		
		Complex Geometry	Ryoichi Kobayashi	Shinichiroh Matsuo		
		Graph Theory		Futaba Fujie		
		Complex Analysis				
		Dynamical Systems		Shinichiroh Matsuo Johannes Jaerisch		
		Ergodic Theory		Johannes Jaerisch		
		Global Analysis	Hitoshi Moriyoshi	Shinichiroh Matsuo		
		Functional Analysis	Shigeru Yamagami Serge Richard			
		Operator Algebra	Yoshimichi Ueda			
		Fourier Analysis	Mitsuru Sugimoto	Jun Kato Yutaka Terasawa		Kazumasa Fujiwara
		Partial Differential Equations	Mitsuru Sugimoto Toshiaki Hishida Serge Richard	Jun Kato Yutaka Terasawa Hisashi Naito		Yasuhiro Sasahara Kazumasa Fujiwara
		Differential Equations				
		Probability Theory	Nobuo Yoshida	Makoto Nakashima Masashi Kubo		
		Infinite Analysis	Tomoki Nakanishi	Hidetoshi Awata Takahiro Hayashi Shintaro Yanagida		
		Mathematical Physics	Hiroaki Kanno Yoshifumi Kimura Tetsuya Shiromizu Taro Nagao Tomoki Nakanishi	Kazuhiko Minami	Masashi Hamanaka	Keisuke Izumi
		Mathematical Biology	Toru Ohira			
		Elementary Particle Theory			Masashi Hamanaka	
		General Relativity	Tetsuya Shiromizu			Keisuke Izumi
		Cosmology	Tetsuya Shiromizu			Keisuke Izumi
		Statistical Mechanics	Taro Nagao Nobuo Yoshida	Kazuhiko Minami		
		Theoretical Condensed Matter	Taro Nagao	Kazuhiko Minami		
		Fluid Mechanics	Yoshifumi Kimura Toshiaki Hishida	Yutaka Terasawa		
		Numerical Analysis	Yoshifumi Kimura			
		Information Theory	Masahito Hayashi	Masashi Kubo		
		Quantum Information Theory	Masahito Hayashi	François Le Gall		
		Quantum Cryptography	Masahito Hayashi			
		Theoretical Computer Sicence	Jacques Garrigue	François Le Gall		
		Algorithm Theory		François Le Gall		
		Programming Languages	Jacques Garrigue			
		Type Theory	Jacques Garrigue			