

# List of faculty Staff and Research Fields

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Fields	Supervisors		Keywords	address
Algebra	Professor	Masanori Asakura	Arithmetic geometry	asakura
	Professor	Mutsumi Saito	Algebraic analysis, rings of differential operators	saito
	Professor	Keiji Matsumoto	Special functions	matsu
	Professor	Hiroshi Yamashita	Representation theory	yamasita
	Associate Professor	Noriyuki Abe	Representation theory	abenori
	Associate Professor	Youichi Shibukawa	Yang-Baxter equations and quantum groups	shibu
	Associate Professor	Simona Settepanella	Singularity theory, combinatorics	s.settepanella
	Associate Professor	Kenichiro Tanabe	Vertex algebras, algebraic combinatorics	ktanabe
	Associate Professor	Daisuke Matsushita	Algebraic geometry	matusita
	Assistant Professor	Kazuma Morita	Arithmetic geometry	morita
Geometry	Professor	Toshiyuki Akita	algebraic topology, group cohomology, discrete groups	akita
	Professor	Goo Ishikawa	Real algebraic geometry, singularity theory	ishikawa
	Professor	Katsunori Iwasaki	Complex geometry, dynamical systems, Painleve systems	iwasaki
	Professor	Toru Ohmoto	Singularity theory, topology	ohmoto
	Professor	Masahiko Yoshinaga	Algebraic geometry, combinatorics	yoshinaga
	Specially Appointed Professor	Shyuichi Izumiya	Geometry, singularity theory	izumiya
	Associate Professor	Shimpei Kobayashi	Differential geometry	shimpei
	Associate Professor	Masao Jinzenji	Mathematical physics	jin
	Associate Professor	Hitoshi Furuhata	Differential geometry	furuhata
	Assistant Professor	Yutaka Kanda	Differential topology	kanda
	Assistant Professor	Michele Torielli	Algebraic geometry, Combinatorics	torielli
Analysis	Professor	Hiroaki Aikawa	Potential theory, real analysis	aik
	Professor	Akihito Hora	Functional analysis, probability theory	hora
	Professor	Naofumi Honda	Algebraic analysis	honda
	Professor	Jun Masamune	Global Analysis	jmasamune
	Specially Appointed Professor	Asao Arai	Mathematical physics, functional analysis	arai
	Associate Professor	Masaharu Kobayashi	Harmonic Analysis	m-kobayashi
	Associate Professor	Reiji Tomatsu	Operator algebras	tomatsu
	Assistant Professor	Takahiro Hasebe	Probability theory, complex analysis, functional analysis	thasebe
	Assistant Professor	Nao Hamamuki	Nonlinear partial differential equations, Theory of viscosity solutions	hnao
	Associate Professor	Tadahiro Miyao	Mathematical physics, functional analysis, condensed matter physics	miyao
Applied Mathematics	Professor	Shin-ichiro Ei	Nonlinear analysis, nonlinear partial differential equations	Eichiro
	Professor	Hideo Kubo	Partial Differential Equations associated with Nonlinear Dynamics□	kubo
	Professor	Shuichi Jimbo	Applied analysis, Partial differential equations, Spectral theory	jimbo
	Professor	Masaharu Nagayama	Reaction-diffusion systems, mathematical modeling, numerical simulation	nagayama
	Professor	Michiko Yuri	Ergodic theory, dynamical systems, complex systems	yuri
	Associate Professor	Hirotohi Kuroda	Partial differential equations, variational analysis	kuro
	Associate Professor	Akira Sakai	Probability theory, statistical mechanics, mathematical physics	sakai
	Associate Professor	Yuzuru Sato	Complex systems, chaotic dynamical systems	ysato
	Associate Professor	Hiroshi Teramoto	Dynamical systems, singularity theory, chemical reaction dynamics	teramoto
	Associate Professor	Takao Namiki	Ergodic theory, dynamical systems, complex systems	nami
	Associate Professor	Kenji Matsumoto	Biophysical complex systems, chaotic dynamical systems	kenmatsu
	Assistant Professor	Masakazu Akiyama	Mathematical modeling, mathematical and theoretical biology, numerical calculation	akiyama
	Assistant Professor	Jusup, Marko	Mathematical Biology, Ecological Modelling, Biophysics	mjusup