

FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE
DOCTORAL PROGRAMME IN MATHEMATICS AND APPLICATIONS

Professors, Associated Professors, Assistants-Professors, Affiliated Professors

Researchers with supervision rights

16-Dec-24

Supervisor		Entity	Discipline	Field of Research
Yannick BARAUD	YANNICK.BARAUD@UNI.LU	FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE	Sciences Exactes et Naturelles	Statistics, Data Science
Pieter BELMANS	PIETER.BELMANS@UNI.LU	FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE	Sciences Exactes et Naturelles	algebraic geometry and representation theory
Christophe LEY	CHRISTOPHE.LEY@UNI.LU	FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE	Sciences Exactes et Naturelles	Statistical Modelling, Machine Learning, Directional Statistics, Stein's Method, Sport analytics, Interdisciplinary research (focus on medicine, biology, engineering, renewable energies, psychology)
Jean-Luc MARICHAL	JEAN-LUC.MARICHAL@UNI.LU	FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE	Sciences Exactes et Naturelles	Functional equations and Aggregation function theory
Karin MELNICK	KARIN.MELNICK@UNI.LU	FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE	Sciences Exactes et Naturelles	differential geometry, Lie groups, smooth dynamics
Sergei MERKULOV	SERGEI.MERKULOV@UNI.LU	FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE	Sciences Exactes et Naturelles	Algebra, Geometry, Mathematical Physics
Ivan NOURDIN	IVAN.NOURDIN@UNI.LU	FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE	Sciences Exactes et Naturelles	Probability theory (fractional Brownian motion; rough paths theory; Stein's method; Malliavin calculus; Free probability; Logarithmic Sobolev and transport inequalities)
Martin OLBRICH	MARTIN.OLBRICH@UNI.LU	FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE	Sciences Exactes et Naturelles	Analyse harmonique non commutative
Hugo PARLIER	HUGO.PARLIER@UNI.LU	FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE	Sciences Exactes et Naturelles	Geometric topology, hyperbolic geometry, differential geometry, combinatorial geometry, moduli spaces
Giovanni PECCATI	GIOVANNI.PECCATI@UNI.LU	FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE	Sciences Exactes et Naturelles	Probability Theory and Mathematical Finance
Antonella PERUCCA	ANTONELLA.PERUCCA@UNI.LU	FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE	Sciences Exactes et Naturelles	Mathematics: Number theory, Didactics
Mark PODOLSKIJ	MARK.PODOLSKIJ@UNI.LU	FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE	Sciences Exactes et Naturelles	Inference for semimartingales, asymptotic theory for high-frequency data, Levy processes, multiple stochastic integrals, Malliavin calculus, inference for Gaussian processes, Stein's method, fractional integration
Sarah SCHEROTZKE	SARAH.SCHEROTZKE@UNI.LU	FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE	Sciences Exactes et Naturelles	Géométrie algébrique Théorie des catégories dérivées
Jean SCHILTZ	JANG.SCHILTZ@UNI.LU	Faculty of Law, Economics and Finance	Sciences Exactes et Naturelles	Statistics Stochastic Analysis
Jean-Marc SCHLENKER	JEAN-MARC.SCHLENKER@UNI.LU	FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE	Sciences Exactes et Naturelles	Mathematics: geometry, geometric analysis and related fields. Interdisciplinary collaboration (with published papers) with: computer science (computational geometry), sociology of science and scientometrics, theoretical physics.
Franck SUEUR	FRANCK.SUEUR@UNI.LU	FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE	Sciences Exactes et Naturelles	Differential Equation & Analysis
Bruno TEHEUX	BRUNO.TEHEUX@UNI.LU	FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE	Sciences Exactes et Naturelles	* (co-)algebraic approaches to modal and many-valued logics and their applications to computer science, game theory and social choice, * universal algebra and topological dualities (including natural dualities), * order and lattice theory, * functional equations and inequations arising from decision mathematics, * algebraic approach to aggregation function theory and qualitative integrals.
Gabor WIESE	GABOR.WIESE@UNI.LU	FACULTY OF SCIENCE, TECHNOLOGY AND MEDICINE	Sciences Exactes et Naturelles	Number Theory, Algebra, Arithmetic Geometry, Computational Number Theory, Cryptography