

Chronological Lecture 2022

- 20/12/2022: Exchange session DMath Partners (Pecha Kucha), 16:00, CB, MSA 3.010, 18:00 MNO ground floor
- 16/12/2022: [Luxembourg Number Theory Day](#), 09:00, CB, MNO room 1.050
- 12/12/2022: Bowditch and primitive stable actions on hyperbolic spaces, Suzanne Schlich (University of Strasbourg), 15:00, CB MNO 1.050, [Geometry and Topology seminar](#)
- 08/12/2022: Normal approximation of the posterior in exponential families, Robert Gaunt (University of Manchester), CB MNO 1.040, [Probability and Statistics seminar](#)
- 05/12/2022: Stretch lines for surfaces with boundary, Valentina Disarlo (Heidelberg University), 15:00, CB MNO 1.010, [Geometry and Topology seminar](#)
- 30/11-01/12/2022: Workshop “Properads and graph complexes in algebra and geometry”, 10:00, CB MNO 6B
- 30/11/2022: Local systems of derived categories of gentle algebras, Raf Bocklandt (Newcastle University), 16:00, CB MNO 1.020, [Algebraic geometry seminar](#)
- 28/11/2022: Period realization of meromorphic differentials, Gianluca Faraco (University of Milano Bicocca), 15:00, CB MNO 1.010, [Geometry and Topology seminar](#)
- 24/11/2022: Hamiltonian actions and miracles of hyperbolic geometry, Anton Alekseev (University of Geneva), 15:00, CB MNO 1.040, [Geometry and Topology seminar](#)
- 24/11/2022: Random Waves on the Hyperbolic Space, Francesco Grotto (University of Pisa), 13:00, CB MNO 1.040, [Probability and Statistics seminar](#)
- 22/11/2022: Hyperbolic 4-manifolds, Perfect Circle-Valued Morse Functions, and Infinitesimal Rigidity, Ludovico Battista (University of Bologna), 10:45, CB MNO 1.020, [Geometry and Topology seminar](#)
- 17/11/2022: Plateau problems and fundamental groups of hyperbolic manifolds, Alex Nolte (Rice University, Texas), 13:45, CB MNO 1.020, [Geometry and Topology seminar](#)
- 17/11/2022: The nice properties of MMD for statistical estimation, Pierre Alquier (RIKEN AIP, Tokyo), 13:00, CB MNO 1.040, [Probability and Statistics seminar](#)
- 14-16/11/2022: Conference '[Interactions and Applications of Homotopical Algebra and Geometry](#)', CB, MSA
- 10/11/2022: High-dimensional portfolio selection: Theory and practice, Taras Bodnar (Stockholm University), 13:00, CB MNO 1.040, [Probability and Statistics seminar](#)
- 27/10/2022: Random Forests: Introduction and industrial applications, Jean-Michel Poggi (Paris-Cité and Paris-Saclay Universities), 13:00, CB MNO 1.020, [Probability and Statistics seminar](#)
- 24/10/2022: On hyperbolic 3-manifolds with polyhedral boundary, Roman Prosanov (University of Vienna), 15:00, CB MNO 1.050, [Geometry and Topology seminar](#)
- 20/10/2022: Local times for systems of non-linear stochastic heat equations, Yassine Nachit (Cadi Ayyad University), 13:00, CB MNO 1.040, [Probability and Statistics seminar](#)
- 17/10/2022: Almost-Fuchsian disks in hyperbolic 3-space, Samuel Bronstein (ENS Paris), 15:00, CB MNO 1.050, [Geometry and Topology seminar](#)
- 07/10/2022: 4th [Mathematical Careers Day](#), 17:00, CB, MSA room 3.520
- 06/10/2022: Statistical decision for variable selection, Alexandre Tsybakov (CMC-ENSAE), 13:00, CB MNO 1.020, [Probability and Statistics seminar](#)

- 03/10/2022: Space of marked hyperbolic structures on infinite type surfaces, Yassin Chandran (City University of New York), 15:00, CB MNO 1.050, [Geometry and Topology seminar](#)
- 29/09/2022: On probabilistic generalizations of the Nyman-Beurling criterion and new closed-form identities involving the Riemann Zeta function, Sébastien Darses (Aix-Marseille), 13:00, CB MNO 1.020, [Probability and Statistics seminar](#)
- 28/09/2022: Quantum cohomology and derived categories of coadjoint varieties, [Maxim Smirnov](#) (Uni Augsburg), 16:00, CB MNO 1.050, [Algebraic geometry seminar](#)
- 27/09/2022: Several stories around tiling billiards, Olga Paris-Romaskevich (CNRS, Marseille), 16:00, CB MNO 1.050, [Multiplicities](#)
- 22/09/2022: Sojourn functionals for spatiotemporal Gaussian random fields with long-memory, Nikolai Leonenko (Cardiff University), 13:00, CB MNO 1.020, [Probability and Statistics seminar](#)
- Monotonicity theorems and how to compare them, [Mahn-Tien Nguyen](#) (Université Libre de Bruxelles), 11:00, CB MNO 6A, [Geometry and Topology seminar](#)
- 15-16/09/2022: [L² Workshop in Probability and Statistics](#), 15:30, CB, MSA 3.370
- 07-09/09/2022: [workshop](#) "Statistics for Stochastic Processes: SDEs, SPDEs and concentration of measure", CB, MSA 3.040
- 06/09/2022: Free resolutions of properads out of Groebner bases machinery, Anton Khoroshkin (University of Haifa & HSE), 13:00, CB, MNO 6A, "Algebra, geometry and graph complexes" seminar,
- 05-15/09/2022: 3rd [MathCamp](#), all day, CB, MSA
- 05/09/2022: Long range random walk on infinite groups, [Zhen-Qing Chen](#) (University of Washington, Seattle), 16:00, CB, MNO 1.050, [Probability and Statistics seminar](#)
- 13/07/2022: Multiple-fragmentation stochastic processes driven by a spatial flow, Lucian Beznea (University of Bucharest and Simion Stoilow Institute of Mathematics of the Romanian Academy), 15:00, CB, MNO 1.040, [Probability and Statistics seminar](#)
- 11/07/2022: Limit theorems with Malliavin calculus and Stein's method, Valentin Garino's Defense, 14:00, CB, MNO 1.040
- 07/07/2022: Poisson process approximation under stabilization and Palm coupling, [D. Yogeshwaran](#) Indian Statistical Institute Bangalore, 13:00, CB, MNO 1.030, [Probability and Statistics seminar](#)
- 06/07/2022: Reductions of algebraic numbers and Artin's conjecture on primitive roots, Pietro Sgobba's Defense, 14:00, CB, MNO 1.040
- 05-06/07/2022: [Leiden-Luxembourg number theory PhD day](#), Peter Stevenhagen (Leiden).Pieter Moree (Bonn), Antigona Pajaziti (Sbancı University), Francesco Pappalardi (Roma Tre), CB, MSA 3.160
- 30/06/2022: Detecting multiple generalized change-points by isolating single ones, [Andreas Anastasiou](#) (University of Cyprus)
- 29/06/2022: The Eisenstein ideal of weight k and ranks of Hecke algebras, Shaunak Deo, 14:00, CB MNO 1.040
- 02/06/2022: Coleman's power series and an explicit reciprocity law, 11:00, CB, MSA 4.060
- 27/05/2022: A solution of Willwacher's conjecture, [Alexey Kalugin](#) (Max Planck Institute), 14:00, CB MNO 6A, Algebra, Geometry and graph complexes seminar
- 26/05/2022: Iwasawa cohomology, 11:00, CB, MSA 4.060

- 20/05/2022: Lara Daw's Defense, 14:00, CB, MSA 3.520
- 19-20/05/2022: Mini conférence Regularity of stochastic processes, 15:30, CB MNO 3.520
- 19/05/2022: Cohomology of $(;.)$ -modules, 11:00, CB, MSA 4.060
- 17/05/2022: Lengths and intersections of curves on surfaces, Thi Hanh Vo's Defense, 10:00, CB, MNO 1.050
- 12/05/2022: Conformal Probability: A Personal Perspective, [Federico Camia](#) (NYU Abu Dhabi), 13:00, CB, MNO 1.050, [Probability and Statistics seminar](#)
- 12/05/2022: Crystalline and semistable representations, 11:00, CB, MSA 4.180
- 12/05/2022: [Girls Exploring Math](#) (G.E.M), 09:30, CB
- 10/05/2022: Vertex algebras and 2-monoidal categories. Stanislas Herscovich (Université Grenoble Alpes), 17:00, CB, MNO 6A
- 05/05/2022: A random rough path extension for the Brownian motion, [Isao Sauzedde](#) (Oxford University), 13:00, CB, MNO 1.050, [Probability and Statistics seminar](#)
- 05/05/2022: p-adic Hodge theory, 11:00, CB, MSA 4.180
- 29/04/2022: Categorical Koszul duality (joint with J. Holstein), A. Lazarev (University of Lancaster), 14:00, CB, MNO 1.030, "Algebra, geometry and graph complexes" seminar
- 28/04/2022: Multidimensional semicircular approximations via free Malliavin-Stein method, Charles-Philippe Diez (Université de Lille 1), 13:00, MNO 1.030, [Probability and Statistics seminar](#)
- 28/04/2022: Overconvergent, 11:00, CB, MSA 4.060
- 21/04/2022: Lower bounds for local oscillations of Hermite processes, [Antoine Ayache](#) (Université de Lille), 13:00, CB MSA 2.380, [Probability and Statistics seminar](#)
- 07/04/2022: Witt vectors, 11:00, CB, MSA 4.060
- 05/04/2022: F-algebroids and deformation quantization via pre-Lie algebroids, John Alexander Cruz Morales (MPIM in Bonn), 17:00, CB MNO 6A
- 21/03/2022: $(;.)$ -modules, 11:00, CB, MSA 4.060
- 31/03/2022: From modified log-Sobolev inequalities to Beckner inequalities and moment estimates, [Bartłomiej Polaczyk](#) University of Warsaw, 13:00, CB, MNO 1.050, [Probability and Statistics seminar](#)
- 31/03/2022: Lubin-Tate extensions and local class field theory, 11:00, CB, MSA 4.060
- 24/03/2022: Lubin-Tate group laws, 11:00, CB, MSA 4.060
- 17/03/2022: Some phase transition phenomena in graphical data analysis, [Matthieu Lerasle](#) (ENSAE), and Overview of the [workshop](#), 11:00, CB, MSA 4.060
- 10-11/03/2022: [Workshop](#) on McKean-Vlasov SDEs and related topics, 13:00, CB, MNO 1.050
- 03/03/2022: [Nicolas Chopin](#) (ENSAE), Waste-free sequential Monte-Carlo, 13:00, CB, MNO 1.050, [Probability and Statistics seminar](#)
- 10/02/2022: Fast and Fair Simultaneous Confidence Bands for Functional Parameters, [Dominik Liebl](#) from the University of Bonn, 10:30, CB, MNO 1.020, [Probability and Statistics seminar](#)
- 08/02/2022: [Mark Podolskij](#), New developments in high dimensional statistics, 11:00, MSA 3.370, Inaugurale Lecture
- 05/02/2022: [Math Day](#), 09:00, CB, MSA 3.520
- 24-26/01/2022: [Geometry Winter Workshop](#) in Luxembourg, CB, MSA