

All mathematics lectures 2017

- 19/12/2017: [Lagrange's theorem for finite algebraic groups](#), Prof. Dr. René Schoof, Università di Roma “Tor Vergata” , CB, room MNO 1.050, [Mathematics Colloquium](#)
- 18/12/2017: [Luxembourg Number Theory Day](#), Organiser: Antonella Perucca (University of Luxembourg), 11:00, CB, Room MNO-E06-0615350 (6th floor 6B), [Number Theory Seminars](#)
- 14-15/12/2017: [Workshop Supergeometry and Applications](#), Organiser: Norbert Poncin (University of Luxembourg), Andrew Bruce (University of Luxembourg), 10:00, CB, Room MSA 2.400, [Geometry and Topology seminar](#)
- 12/12/2017: [Bundle theory: the noncommutative geometry approach](#), Dr. Chiara Pagani, (Université de Louvain, Belgium), 17:00, Room MNO 1.050, CB, [Number Theory Seminars](#)
- 12/12/2017: On systole of arithmetic manifolds, Plinio G. P. Murillo (Universität Bern), 11:00, Room MNO-E06-0615350 (6th floor 6B), CB, [Geometry and Topology seminar](#)
- 11/12/2017: Invariant measures on affine grassmannians, Caroline Bruère (Université Paris-Saclay), 15:00, Room MNO-E06-0615440 (6th floor 6A), CB, [Geometry and Topology seminar](#)
- 08/12/2017: Norm resolvent convergence of Laplacians acting in varying spaces, Olaf Post (Universitaet Trier), 10:30, Room MNO-E06-0615440 (6th floor 6A), CB, [Geometry and Topology seminar](#)
- 29/11/2017: Excursions of shot noise fields, and non-stabilizing functionals, Raphaël Lachièze-Rey (Paris V), 10:00, Room MNO-E06-0615440 (6th floor 6A), CB, [Probability Seminar](#)
- 29/11/2017: [Gaussian fluctuation of prime divisor function](#), Guangqu Zheng, 12:30, Room MSA 3.160, CB, [Probability Seminar](#)
- 27/11/2017: Hyperbolic Dehn filling in dimension four, Bruno Martelli (Pisa), 15:00, Room MNO-E06-0615440 (6th floor 6A), CB, [Geometry and Topology seminar](#)
- 20/11/2017: Can one hear a conic singularity, Asilya Suleymanova (Max Planck Institute for Mathematics, Bonn), 15:00, Room MNO-E06-0615440 (6th floor 6A), CB, [Geometry and Topology seminar](#)
- 08-10/11/2017: [Workshop Graph complexes, props and homotopy algebras](#), Organiser: Sergei Merkulov, Room MNO-E06-0615350 (6th floor 6B), CB, [Geometry and Topology seminar](#)
- 31/10/2017: Constant mean curvature foliations of globally hyperbolic (2+1)-spacetimes with particles, Qiyu Chen, 11:00, Room MNO-E06-0615350 (6th floor 6B), CB, [Geometry and Topology seminar](#)
- 30/10/2017: Curve graphs for infinite-type surfaces, Federica Fanoni (University of Heidelberg), 15:00, Room MNO-E06-0615440 (6th floor 6A), CB, [Geometry and Topology seminar](#)
- 26/10/2017: Character varieties for the real forms of $SL(n, \mathbb{C})$, Miguel Acosta (Nancy), 14:00, Room MNO-E06-0615440 (6th floor 6A), CB, [Geometry and Topology seminar](#)
- 24/10/2017: [CutFEM: a new generation of mesh independent nite element methods for multi-physics problems](#), Dr. Susanne Claus (Cardiff University, U.K.), [Complexity reduction in multiscale computational modelling](#), Dr. Pierre Kerfriden (Cardiff University, U.K.), 17:00, Room MSA 3.350, CB, [General Mathematics Seminar](#)

- 23/10/2017: Correspondence between resonances and spectrum for convex cocompact surfaces, Colin Guillarmou (Paris), 16:15, Room MNO-E06-0615350 (6th floor 6B), CB, [Geometry and Topology seminar](#)
- 19/10/2017: Introduction to the Hochschild cohomology of algebras, Nghia Thi Hieu Tran (National University of Ireland, Galway), 11:30, Room MNO-E06-0615440 (6th floor 6A), CB, [Number Theory Seminars](#)
- 18/10/2017: High-order winding numbers and helicity, Faik Mayah (NUI Galway), 14:00, Room MNO-E06-0615440 (6th floor 6A), CB, [Geometry and Topology seminar](#)
- 03/10/2017: Reading course on [Symmetric spaces](#), Frédéric Paulin by Vincent Pecastaing, 13:30, Room MNO-E06-0615350 (6th floor 6B), CB, [Geometry and Topology seminar](#)
- 03/10/2017: Reading seminar on the paper [Random walks on the mapping class group](#), Joseph Maher by Binbin Xu, 11:00, Room MNO-E06-0615350 (6th floor 6B), CB, [Geometry and Topology seminar](#)
- 18/07/2017: The Euclidean algorithm on the modular tree, Tuan Anh Bui (Ho Chi Minh City University of Science, Saigon, Vietnam), 14:00, Room MNO-E06-0615350 (6th floor 6B), CB, [Number Theory Seminars](#)
- 11/07/2017: The missing pieces to Steiner's inscribability problem, Hao Chen (University of Luxembourg), 11:00, Room MNO-E05-0515440 (5th floor 5A), CB, [Geometry and Topology seminar](#)
- 27/06/2017: F_q -Local Systems on Abelian Varieties of Low p -rank, Brett Frankel (Northwestern University), 14:00, Room MNO-E05-0515440 (5th floor 5A), CB, [Geometry and Topology seminar](#)
- 20/06/2017: A spectral lower bound in a singular setting, Ilaria Mondello (Université de Paris Est Créteil), 11:00, Room MNO-E05-0515440 (5th floor 5A), CB, [Geometry and Topology seminar](#)
- 15/06/2017: Diffusion approximations via Stein's method and time changes, Mikolaj Kasprzak (Oxford University), 14:00, Room MNO-E05-0515440 (5th floor 5A), CB, [Probability Seminar](#)
- 12-14/06/2017: [Teichmüller theory and geometric structures on 3-dimensional manifolds](#), Room BC003, CL, [Geometry and topology seminar](#)
- 08/06/2017: On asymptotic properties of linear groups, Çağrı Sert (ETH Zürich), 14:00, Room MNO-E06-0615440 (6th floor 6A), CB, [Geometry and Topology seminar](#)
- 06/06/2017: \mathbb{Z}^2 -graded Poisson structures and their cohomology, Anne Pichereau (Université Blaise Pascal, Clermont-Ferrand), 14:00, Room MNO-E06-0615440 (6th floor 6A), CB, [Working Group Algebra, Geometry and Quantization](#)
- 01/06/2017: Categorification: merits & perspectives, or "what is categorification and why should I care?", Pedro Vaz (Université catholique de Louvain), 14:00, Room MNO-E06-0615440 (6th floor 6A), CB, [Geometry and Topology seminar](#)
- 29/05/2017: Selberg zeta function for hyperbolic orbifolds: transfer approach, Ksenia Fedosova (University of Gothenburg), 15:00, Room MNO-E05-0515440 (5th floor 5A), CB, [Geometry and Topology seminar](#)
- 26/05/2017: Multiple zeta values in deformation quantization, Brent Pym (University of Edinburgh), 13:15, Room MNO-E05-0515440 (5th floor 5A), CB, [Geometry and Topology seminar](#)

- 24/05/2017: [Trees, geodesics and triangles on surfaces](#), Prof. Dr. François Labourie (Université de Nice - Sophia Antipolis), 16h-17h, room MSA 4.050 (Maison du Savoir, 4th floor), [Mathematics Colloquium](#)
- 22/05/2017: One more ergodic theorem for the free group : a guided (by a Markov chain) tour, Olga Romaskevich (ENS Lyon), 15:00, Room MNO-E05-0515440 (5th floor 5A), CB, [Geometry and Topology seminar](#)
- 16/05/2017: "Harmonic forms and deformations of embedding of Lie algebras", Yaël Frégier (Université d'Artois), 15:00, Room MNO-E06-0615440 (6th floor 6A), CB, [Working Group Algebra, Geometry and Quantization](#),
- 08/05/2017: (Hyper-)Kähler geometry of character varieties, Brice Loustau (Rutgers University), 15:00, Room MNO-E05-0515440 (5th floor 5A), CB, [Geometry and Topology seminar](#)
- 04/05/2017: Stein kernels and applications, Max Fathi (Institut de Mathématiques de Toulouse, Université Paul Sabatier), 16:00, Room MNO-E05-0515440 (5th floor 5A), CK, [Probability Seminar](#)
- 24-28/04/2017: Series of lectures on "Integrable systems, with attention to symplectic and Poisson structures and Hamiltonian reduction", Ian Marshall (the Faculty of Mathematics of the Higher School of Economics, Moscow), 14:00, Room MNO-E06-0615440 (6th floor 6A), CB, [Geometry and Topology seminar](#)
- 24/04/2017: On the semisimplicity of geometric monodromy action in F_ℓ coefficients, Chun Yin Hui (Amsterdam), 15:45, Room MNO-E06-0615350 (6th floor 6B), CB, [Number Theory Seminars](#)
- 10/04/2017: Topology of automorphism groups of parabolic geometries, Karin Melnick (Maryland), 15:00, Room MNO-E05-0515440 (5th floor 5A), CB, [Geometry and Topology seminar](#)
- 04/04/2017: "The derived Riemann-Hilbert correspondence", Mauro Porta (University of Pennsylvania), 14h-15h30, MNO 615440 (6A), [Working Group Algebra, Geometry and Quantization](#)
- 31/03/2017: Additional seminar, Jordan Jordanov, 11:00, Room MNO-E05-0515440 (5th floor 5A), CB, [Geometry and Topology seminar](#)
- 30/03/2017: [Part 2](#) A concrete example of complete multifractal analysis: the Bernoulli measure, Stéphane Seuret (Paris-Est University and Luxembourg University), 13:00, Room MNO-E05-0515440 (5th floor 5A), CB, [Probability Seminar](#)
- 28/03/2017: $SL(3, \mathbb{C})$, $PU(2,1)$ and the Whitehead link complement, Pierre Will (Grenoble), 15:00, Room MNO-E05-0515440 (5th floor 5A), CB, [Geometry and Topology seminar](#)
- 24/03/2017: [Part 1](#) A concrete example of complete multifractal analysis: the Bernoulli measure, Stéphane Seuret (Paris-Est University and Luxembourg University), 13:00, Room MNO-E05-0515440 (5th floor 5A), CB, [Probability Seminar](#)
- 24/03/2017: Hitchin components for fundamental groups of 2-orbifolds, Florent Schaffhauser (Universidad de Los Andes, Colombia), 11:00, Room MNO-E05-0515440 (5th floor 5A), CB, [Geometry and Topology seminar](#)
- 21/03/2017: Algebraic and topological properties of big mapping class groups, Nicholas Vlamis (Michigan), 11:00, Room MNO-E05-0515440 (5th floor 5A), CB, [Geometry and Topology seminar](#)

- 20/03/2017: The (asymptotic) location of eigenvalues of a representation in the Hitchin component, Andrés Sambarino (Jussieu), 15:00, Room MNO-E05-0515440 (5th floor 5A), CB, [Geometry and Topology seminar](#)
- 13/03/2017: High-temperature spectral gap for dynamical systems, Benoît Kloeckner (Créteil), 15:00, Room MNO-E05-0515440 (5th floor), CB, [Geometry and Topology seminar](#)
- 06/03/2017: Bubbling complex projective structures with quasi-Fuchsian holonomy, Lorenzo Ruffoni (Unibo), 15:00, Room MNO-E05-0515330 (5th floor), CB, [Geometry and Topology seminar](#)
- 03/03/2017: The Widom-Rowlinson model under spin flip: Immediate loss and sharp recovery of quasilocality Dr. Benedikt Jahnel (WIAS Berlin), 11:00, Room MNO-E05-0515330 (5th floor), CB, [Probability Seminar](#)
- 09/02/2017: Random matrices with correlated entries, Marwa Banna (Saarland University), 14:00, Room B04, CK, [Probability Seminar](#)
- 07/02/2017: [Virtual self-similarity, crossing avoidance, and the fragility of cusp forms](#), Chris Judge (Indiana University), 16:00, Room B02, CK, [General Mathematics Seminar](#)
- 30/01/2017: Arthquakes on hyperbolic surfaces with closed geodesic boundary, Daniele Rosmondi (Pavia), 15:00, Room B24A, CK, [Geometry and Topology seminar](#)
- 19/01/2017: [An integration by parts on "space of loops"](#), Takafumi AMABA (Ritsumeikan University, Japan), 14:30, Room B04, CK, [Probability Seminar](#)
- 17/01/2017: Analytic and topological torsion, Daniel Matei (IMAR Bucharest), 12:30, Room G002, CK, [Reading Seminar on Geometry](#)
- 16/01/2017: The number of non-negatively curved triangulations of the sphere, Peter Smillie (Harvard), 15:00, Room B24, [Geometry and Topology seminar](#)
- 12/01/2017: [The Malliavin Derivative Evaluated along a Stopped Path: applications, and generalization of the definition](#), Henry SCHELLHORN (Claremont Graduate University), 15:00, Room B04, CK, [Probability Seminar](#)
- 09-13/01/2017: [QUANTMOD-Quantization and Moduli Spaces](#), Organiser: Jorgen Andersen (Aarhus University), Ozgur Ceyhan, Francois Petit, Martin Schlichenmaier, Room C02, CK