

Monday, October 28**Universität Zürich***Advanced Seminar in Algebraic Geometry***Prof. Dr. Tamás Szamuely (Alfréd Rényi Institute)**

Tori over a p-adic function field

13:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

Université de Genève*Séminaire de Mathématique Physique***John Cardy (University of Oxford)**

Lattice Stress Tensor and Conformal Ward Identities

15:00 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17

EPF Lausanne*Geometry Seminar EPFL***Jan Manschot (ENS Lyon)**

Quiver invariants and single-centered indices

15:15 • EPF Lausanne, Salle MA A110

ETH Zürich*Symplectic Geometry Seminar***Emmanuel Opshtein (Université de Strasbourg)**

Symplectic embeddings in dimension 4

15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Université de Genève*Séminaire de Mathématique Physique***Noam Berger (Technische Universität München)**

Local limit theorem for ballistic random walk in random environments

16:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17

ETH Zürich*Optimization and Applications Seminar***Prof. Dr. Richard Vinter (Imperial College London)**

State Constrained Optimal Control

16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

Universität Zürich*Seminar in Partial Differential Equations***Dr. Vlad Vicol (Princeton University)**

On Inviscid Limits for the Stochastic Navier-Stokes Equations

17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12

Universität Bern*Einstein Lectures***Prof. Dr. Cédric Villani (Université de Lyon und Institut Henri Poincaré, Paris)**

Of Triangles, Gas, Prices and Men

19:30 • Universität Bern, 3012 Bern, Aula im Hauptgebäude

Tuesday, October 29**ETH Zürich***Nachdiplomvorlesung***Prof. Dr. Thomas Mikosch (University of Copenhagen, Denmark)**

Time series models with heavy tails

10:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

EPF Lausanne*Group Theory Seminar***Frank Luebeck (Universität Aachen)**

Some groups with many maximal subgroups, examples of large 1-cohomology and Kazhdan-Lusztig polynomials

10:15 • EPF Lausanne, Salle MA A1 12

<p>Université de Genève Antoine Gournay (Université de Neuchâtel) Random walks, harmonic functions and l^p-cohomology in degree 1 10:30 • Université de Genève, Salle 623</p>	<i>Groupes et Géométrie</i>
<p>Université de Genève Shu-Lin Wu (Huazhong University, Wuhan, China) Convergence Properties of Some Low-Order Parareal Algorithms 14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623</p>	<i>Séminaire d'Analyse Numérique</i>
<p>ETH Zürich Nishanth Gudapati (Albert-Einstein-Institut, Potsdam/Golm) Critical Self-Gravitating Wave Maps 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Analysis Seminar</i>
<p>Universität Zürich Prof. Dr. Philippe Michel (EPF Lausanne) Bounded gaps between primes (after Y. Zhang) 17:15 • UZH Zentrum, Building KO2, Room F 150</p>	<i>Zurich Colloquium in Mathematics</i>
<p>Universität Bern Prof. Dr. Cédric Villani (Université de Lyon und Institut Henri Poincaré, Paris) From Riemann to the Synthetic Theory of Ricci Curvature 17:15 • Universität Bern, 3012 Bern, Aula im Hauptgebäude</p>	<i>Einstein Lectures</i>
Wednesday, October 30	
<p>ETH Zürich Prof. Dr. Mihalis Dafermos (University of Cambridge, UK) The geometry and analysis of black holes in general relativity 10:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Nachdiplomvorlesung</i>
<p>Universität Bern Alexander Rothkopf (Universität Bern) A Bayesian approach to spectral function reconstruction in relativistic quantum physics 10:15 • Universität Bern, Sidlerstrasse 5, Room B77</p>	<i>Institute Seminar</i>
<p>ETH Zürich Brian Bowditch (University of Warwick, UK) Title T.B.A. 15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Geometry Seminar</i>
<p>EPF Lausanne Moran Feldman (EPF Lausanne) Fast Submodular Optimization Algorithms 16:15 • EPF Lausanne, Salle INF 211</p>	<i>Combinatorial Geometry and Optimization</i>
<p>EPF Lausanne Dr. Stefan Güttel (University of Manchester) Parameter optimization of rational Krylov methods and applications 16:15 • EPF Lausanne, Salle GR A3 30</p>	<i>Computational Science and Engineering</i>
<p>Universität Bern Prof. Dr. Cédric Villani (Université de Lyon und Institut Henri Poincaré, Paris) Stars, Particles and Probabilities: What is the Fate of Galaxies? 19:30 • Universität Bern, 3012 Bern, Aula im Hauptgebäude</p>	<i>Einstein Lectures</i>

Thursday, October 31

EPF Lausanne

Jean-Pierre Serre (Collège de France)

Le groupe unitaire de l'algèbre d'un groupe fini en caractéristique 2

14:15 • EPF Lausanne, Salle MA 30

Séminaire d'Algèbre et de Théorie des Nombres

Université de Genève

Ryan Budney (University of Victoria & MPI Bonn)

Topology of spaces of knots

14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17

Séminaire de Topologie et Géométrie

Universität Basel

Prof. Dr. Alex Wilkie (University of Manchester)

Integer points on globally semi-analytic sets.

14:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal

Seminar Zahlentheorie

Universität Zürich

Prof. Dr. Guillaume Carlier (Ceremade, Université Paris Dauphine)

Title T.B.A.

16:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

Seminar in Partial Differential Equations and Numerics

ETH Zürich

John Copas (University of Warwick, UK)

Correcting for outcome reporting bias in meta-analysis

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19,1

ZüKoSt Zürcher Kolloquium über Statistik

Université de Genève

Dr. Stefan Güttel (University of Manchester)

Parameter optimization of rational Krylov methods and applications

16:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

Séminaire d'Analyse Numérique

ETH Zürich

Prof. Dr. Jean-Charles Rochet (Universität Zürich)

Dynamic Contracts and Corporate Default

17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Talks in Financial and Insurance Mathematics

Universität Zürich

Prof. Dr. Herbert Amann (Universität Zürich)

Parabolic problems on noncompact Riemannian manifolds

17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

Workshop in Analysis

Friday, November 1

EPF Lausanne

Serge Bouc (Université d'Amiens)

The poset of posets

10:15 • EPF Lausanne, Salle MA A1 10

Group Theory Seminar

Universität Basel

Alberto Calabri (Università di Ferrara)

Title T.B.A.

10:30 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Kleiner Hörsaal

Seminar Algebra & Geometrie

Université de Genève

Alessia Cattabriga (Università di Bologna)

Representing link in lens spaces

11:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 624

Séminaire de Topologie et Géométrie

ETH Zürich

Dr. Miranda Cheng (Institut de Mathématiques de Jussieu)

Title T.B.A.

14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Number Theory Seminar

ETH Zürich

Prof. Dr. Ivan Smith (Cambridge University)

Quadratic differentials as stability conditions

16:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Algebraic Geometry and Moduli Seminar

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