

Monday, October 27

ETH Zürich

Seminar on Coding Theory and Cryptography

Isabelle Raemy (Universität Zürich)

Superregular Hankel Matrices Over Finite Fields: An Upper Bound of the Matrix Size and a Construction Algorithm

11:15 • ETH Zentrum, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36

ETH Zürich

Seminar on Coding Theory and Cryptography

Vitaly Skachek (University of Tartu, Estonia)

On some data processing problems arising in the distributed storage systems

13:00 • ETH Zentrum, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36

Universität Zürich

Advanced Seminar in Algebraic Geometry

Prof. Dr. Ben Moonen (Radboud University Nijmegen)

The Tate and Mumford-Tate conjectures for some classes of algebraic surfaces

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

Université de Neuchâtel

Groups and analysis

Thibault Pillon (Université de Genève)

On Folner type sets, property A, and coarse embeddings

14:00 • Université de Neuchâtel, Auditoire B217

ETH Zürich

Symplectic Geometry Seminar

Marco Mazzucchelli (ENS Lyon, France)

Periodic orbits of exact magnetic flows on surfaces

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

EPF Lausanne

Geometry Seminar EPFL

Ivan Cherednik (UNC-Chapel Hill)

DAHA superpolynomials of torus knots

15:15 • EPF Lausanne, Salle MA A3 31

Université de Genève

Séminaire de Mathématique Physique

Benoit Laslier (Cambridge University)

Title T.B.A.

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

Universität Bern

Mathematisches Kolloquium

Prof. Dr. Philipp Habegger (TU Darmstadt)Complex Multiplication or is $e^{\pi \sqrt{163}}$ an Integer?

17:15 • Universität Bern, Sidlerstrasse 5, 3012 Bern, ExWi B78

Tuesday, October 28

ETH Zürich

Nachdiplomvorlesung

Prof. Dr. Alessio Figalli (The University of Texas at Austin)

The Monge-Ampère equation and its applications

10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

ETH Zürich

Nachdiplomvorlesung

Prof. Dr. Tom Hurd (McMaster University)

Mathematics of Financial Systemic Risk

10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

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| <p>ETH Zürich Prof. Dr. Gitta Kutyniok (Technische Universität Berlin) Applied Harmonic Analysis meets Compressed Sensing 13:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p> | <p><i>Nachdiplomvorlesung</i></p> |
| <p>Université de Genève Alain Durmus (Telecom ParisTech) Geometric ergodicity in Wasserstein distance of a Metropolis algorithm based on a first-order Euler exponential integrator 13:45 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623</p> | <p><i>Séminaire d'Analyse Numérique</i></p> |
| <p>Universität Fribourg Prof. Dr. Séverine Rigot (Université de Nice) Besicovitch covering property in sub-Riemannian geometry 17:15 • Universität Fribourg, Hörsaal 2.52, Physikgebäude, 1700 Fribourg</p> | <p><i>Colloquium</i></p> |

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| <p>Wednesday, October 29</p> | |
| <p>Universität Fribourg Wojciech Krynski (University of Warsaw) Equivalence problems for tangent distributions 10:20 • Universität Fribourg, Math II Lonza seminar room</p> | <p><i>Oberseminar Geometrie</i></p> |
| <p>ETH Zürich Andrea Schioppa (ETH Zürich) Vector fields on metric measure spaces, and 1-rectifiable structure 15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p> | <p><i>Geometry Seminar</i></p> |
| <p>Universität Zürich Gerhard Kitzler (TU Wien) Spectral polynomial discontinuous Galerkin method for the Boltzmann equation 16:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p> | <p><i>Zurich Colloquium in Applied and Computational Mathematics</i></p> |
| <p>Universität Basel Thoma Sørensen (Ludwig Maximilian Universität, München) Title T.B.A. 16:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Kleiner Hörsaal</p> | <p><i>Seminar in Analysis</i></p> |
| <p>ETH Zürich Patrik Ferrari (Universität Bonn) Free energy fluctuations for directed polymers in 1+1 dimension 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p> | <p><i>Seminar on Stochastic Processes</i></p> |

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| <p>Thursday, October 30</p> | |
| <p>EPF Lausanne Jay Taylor (EPF Lausanne) Springer Morphisms, GGGRs and Character Sheaves, I 10:15 • EPF Lausanne, Salle MA A3 30</p> | <p><i>Group Theory Seminar</i></p> |
| <p>Université de Genève Felix Schlenk (Université de Neuchâtel) Growth of the number of geodesics between two points in manifolds of non-finite type 14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17</p> | <p><i>Séminaire de Topologie et Géométrie</i></p> |
| <p>ETH Zürich Manuela Zucknick (German Cancer Research Center (DKFZ), Heidelberg) Bayesian models for risk prediction with high-dimensional (integrative) genomics 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p> | <p><i>ZüKoSt Zürcher Kolloquium über Statistik</i></p> |

ETH Zürich

Talks in Financial and Insurance Mathematics

Dr. Miklós Rásonyi (Pázmány Péter Catholic University, Faculty of Information Technology and Bionics)

Optimal investment beyond expected utility theory

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

Universität Zürich

Seminar in Partial Differential Equations

Maria Colombo (Scuola Normale Superiore, Pisa)

Maximal flows of non-smooth vector fields and applications to PDEs

18:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36

Friday, October 31

EPF Lausanne

Séminaire de Topologie

Martina Rovelli (EPF Lausanne)

Title T.B.A.

14:15 • EPF Lausanne, Salle MA 30

EPF Lausanne

Séminaire d'Analyse

Prof. Dr. Man Wah Wong (York University, Toronto)

Title T.B.A.

15:15 • EPF Lausanne, Salle MA A3 31

ETH Zürich

Algebraic Geometry and Moduli Seminar

Prof. Dr. Balazs Szendroi (Oxford University)

Cohomological Donaldson-Thomas theory

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

Special Announcements

50 Years of Statistics at ETH Zürich

ETH Zürich

November 24-25, 2014

https://stat.ethz.ch/events/50_Years_Statistics

Expanders Everywhere!

University of Neuchâtel

December 1-5, 2014

<https://sites.google.com/site/expanderseverywhere/>

Rigi-Workshop 2015

Mathematical and Computational Modeling in Life Sciences

Registration deadline October 26

Rigi-Kulm

January 18-20, 2015

[http://biologie.scnat.ch/rigi-workshop/click to edit](http://biologie.scnat.ch/rigi-workshop/click%20to%20edit)

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