

Monday, November 4**Universität Zürich***Seminar on Coding Theory and Cryptography***Emilia Käsper (Google Zürich)**

Certificate Transparency - Improving Public Key Infrastructure

11:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36

Universität Zürich*Seminar on Coding Theory and Cryptography***Helen Riedtmann (Universität Zürich)**

The Approximate Common Divisor Problem: Two Algorithmic Solutions

13:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36

Universität Zürich*Advanced Seminar in Algebraic Geometry***Prof. Dr. Frank-Olaf Schreyer (Universität des Saarlandes)**

Tate resolution and coherent sheaf cohomology

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

ETH Zürich*Symplectic Geometry Seminar***Ivan Smith (Cambridge University)**

Exact Lagrangian immersions with one double point

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

EPF Lausanne*Geometry Seminar EPFL***David Jordan (University of Edinburgh)**Quantum differential operators, and the torus T^2

15:15 • EPF Lausanne, Salle MA A110

ETH Zürich*Optimization and Applications Seminar***Dr. Vladimir Shikhman (Catholic University of Louvain, Belgium)**

Market Equilibrium via Convex Optimization

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

Universität Bern*Mathematisches Kolloquium***Prof. Dr. Dror Bar-Natan (University of Toronto)**

The Kashiwara-Vergne Problem and Topology

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

Tuesday, November 5**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***Jay Taylor (Universität Kaiserslautern)**

Decomposing Generalised Gelfand--Graev Representations (GGGRs)

10:15 • EPF Lausanne, Salle MA A1 12

Université de Genève*Groupes et Géométrie***Alexey Talambutsa (Université de Genève)**

Relations between counting quasimorphisms of free groups

10:30 • Université de Genève, Salle 623

<p>ETH Zürich Alessandro Carlotto (University of Stanford) Complete minimal surfaces in asymptotically flat spaces and localized solutions of the Einstein constraint equations 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Analysis Seminar</i></p>
<p>ETH Zürich Prof. Dr. Ruodu Wang (University of Waterloo, CA) Risk Aggregation with Dependence Uncertainty 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<p><i>Talks in Financial and Insurance Mathematics</i></p>
<p>Université de Neuchâtel Luc Tartar (Carnegie Mellon University, USA) Effets de compensation dans les équations aux dérivées partielles 16:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile-Argand 11, CH-2000 Neuchâtel, Room B103</p>	<p><i>Colloque du Mardi</i></p>
<p>Universität Fribourg Prof. Dr. Sotiris Notaris (National and Kapodistrian University of Athens) Gauss-Kronrod quadrature formulae 17:15 • Universität Fribourg, Hörsaal 2.52, Physikgebäude, 1700 Fribourg</p>	<p><i>Colloquium</i></p>

Wednesday, November 6

<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>	<p><i>Nachdiplomvorlesung</i></p>
<p>Université de Fribourg Kevin Wildrick (Université de Fribourg) A geometric proof of the pure unrectifiability of the Heisenberg group 10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room</p>	<p><i>Oberseminar Geometrie</i></p>
<p>ETH Zürich John MacKay (Concordia University, Canada) Quasi-arcs and quasi-circles 15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Geometry Seminar</i></p>
<p>EPF Lausanne Moran Feldman (EPF Lausanne) Fast submodular optimization algorithms 16:15 • EPF Lausanne, Salle INF 211</p>	<p><i>Combinatorial Geometry and Optimization</i></p>
<p>Universität Basel Prof. Dr. Albert Fässler (Evilard) Pythagoreische Zahlentripel mit einer Überraschung 17:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, 4051 Basel, Grosser Hörsaal</p>	<p><i>Das Basler Kolloquium für Mathematiklerpersonen</i></p>
<p>ETH Zürich Matthias Birkner (Universität Mainz) Directed random walk on an oriented percolation cluster 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Seminar on Stochastic Processes</i></p>

Thursday, November 7

<p>Universität Zürich Prof. Dr. Jan Hestaven (École polytechnique fédérale de Lausanne) On the stability of the Parareal method for wave problems 16:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<p><i>Seminar in Partial Differential Equations and Numerics</i></p>
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Université de Genève

Pierre Pansu (Université Paris-Sud, Orsay)

Negative curvature pinching

16:15 • Université de Genève, Salle 17

Colloque de Mathématiques

Universität Zürich

Prof. Dr. Tom Sideris (UCSB)

Spreading of the Free Boundary of an Ideal Fluid Surrounded by Vacuum

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

Workshop in Analysis

Friday, November 8

Universität Basel

Matthias Leuenberger (Universität Bern)

Lie Algebra generated by LNDs on surfaces $\{xy=p(z)\}$

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

Seminar Algebra & Geometrie

ETH Zürich

Prof. Dr. Tomoyoshi Ibukiyama (Osaka University, Japan)

Differential operators on Siegel modular forms and various applications

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

Number Theory Seminar

EPF Lausanne

Dimitri Zaganidis (EPF Lausanne)

A 2-categorical approach to quasi-categories

14:15 • EPF Lausanne, Salle MA 10

Séminaire de Topologie

ETH Zürich

Fabian Wauthier (University of Oxford, Department of Statistics)

A Comparative Framework for Preconditioned Lasso Algorithms

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

Statistics Research Seminar

EPF Lausanne

Quoq Hung Nguyen (Université de Tours, France)

Quasilinear Lane - Emden equations with absorption and Wiener criteria for boundary blow-up problems

15:15 • EPF Lausanne, Salle MA A3 31

Séminaire d'Analyse

Universität Bern

Thomas Mikosch (University of Copenhagen)

Extremogram and Ex-Periodogram for heavy-tailed time series

16:00 • Universität Bern, Institut für Exakte Wissenschaften, Sidlerstrasse 5, 3012 Bern, Hörsaal B78

Colloquia on Probability and Statistics

Université de Genève

Geza Zsolt Szilagyi (Université de Genève)

Equivariant Jeffrey-Kirwan theorem in non-compact settings

16:30 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Soutenance de thèse

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