

Monday, May 4**EPF Lausanne***Talks in Mathematical Finance***Jay A. Shanks (Emory University, Atlanta)**

Title T.B.A.

10:30 • EPF Lausanne, Quartier UNIL - Dorigny, Extranef, Salle 126

Universität Zürich*Seminar on Coding Theory and Cryptography***Javad Ebrahimi (Institute of Network Coding, Hong Kong)**

Index coding and graph homomorphism

11:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 28

Universität Zürich*Seminar on Coding Theory and Cryptography***Giulia Bianco (Université de Neuchâtel)**

Algebraic Geometry in Cryptography: An optimal representation of trace-zero subgroups over Edwards curves

13:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 28

Universität Zürich*Advanced Seminar in Algebraic Geometry***Dr. Helge Ruddat (Johannes Gutenberg Universität)**

A proof of Morrison's Conjecture

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

ETH Zürich*Nachdiplomvorlesung***Prof. Dr. Yurii Nesterov (Université catholique de Louvain (UCL))**

Complexity and Simplicity of Optimization Problems

14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

ETH Zürich*Symplectic Geometry Seminar***Paul Biran (ETH Zürich)**

Lagrangian cobordism in Lefschetz fibrations (note special room !)

15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 3

Université de Genève*Séminaire de Mathématique Physique***Raphael Rossignol (Université de Grenoble)**

Scaling limit of dynamical percolation on Erdős-Rényi critical random graphs

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

ETH Zürich*Optimization and Applications Seminar***Prof. Dr. Daniel Robinson (Johns Hopkins University, Baltimore, USA)**

Globalizing Local Methods

16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Universität Bern*Mathematisches Kolloquium***Dr. Petr Siegl (Universität Bern)**

Remarks on the convergence of pseudospectra

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

Tuesday, May 5**ETH Zürich***ITS Informal Analytic Number Theory Seminar***Jean-Marc Deshouillers (Université de Bordeaux)**

Title T.B.A.

10:15 • ETH Zentrum, Building CLV, Room B 4

<p>ETH Zürich Prof. Dr. Giuseppe Mingione (Università degli Studi di Parma) Nonlinear aspects of Calderon-Zygmund theory 10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Nachdiplomvorlesung</i>
<p>EPF Lausanne Elisabeth Prohl (Université de Genève & Swiss Finance Institute) Computing the Cross-Sectional Distribution to Approximate Stationary Markov Equilibria with Heterogeneous Agents and Incomplete Markets 12:00 • EPF Lausanne, Quartier UNIL - Dorigny, Extranef, Salle 126</p>	<i>Talks in Mathematical Finance</i>
<p>Université de Genève Stefan Güttel (University of Manchester) New rational Krylov applications: Perfectly matched layers via RKFIT 14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623</p>	<i>Séminaire d'Analyse Numérique</i>
<p>EPF Lausanne Ari Shnidman (University of Michiga) Heights of generalized Heegner cycles 14:15 • EPF Lausanne, Salle GR A3 31</p>	<i>Séminaire d'Algèbre et de Théorie des Nombres</i>
<p>Université de Neuchâtel Michal Ferow (University of Southampton) Separability properties of automorphisms of graph products of groups 15:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile-Argand 11, CH-2000 Neuchâtel, Room B217</p>	<i>Groups and analysis</i>
<p>EPF Lausanne Bernard Leclerc (Université de Caen) Quivers with relations for symmetrizable Cartan matrices 15:15 • EPF Lausanne, Salle MA A3 30</p>	<i>Geometry Seminar EPFL</i>
<p>ETH Zürich Prof. Dr. Jan Kristensen (University of Oxford) Title T.B.A. 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Analysis Seminar</i>
<p>Université de Neuchâtel Relinde Jurrius (Université de Neuchâtel) Designs, codes, matroids and their q-analogues 17:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile-Argand 11, CH-2000 Neuchâtel, Room B103</p>	<i>Colloque du Mardi</i>
<p>Universität Zürich Prof. Dr. Ben Green (University of Oxford) Approximate algebraic structure 17:15 • UZH Zentrum, Building KO2, Room F 150</p>	<i>Zurich Colloquium in Mathematics</i>
<p>Université de Fribourg Prof. Dr. Nikos Stylianopoulos (University of Cyprus) Convergence and Stability Properties of the Bergman Kernel Method with Singular Basis Functions 17:15 • Université de Fribourg, room Phys 2.52</p>	<i>Colloquium</i>
Wednesday, May 6	
<p>ETH Zürich Prof. Dr. Henryk Iwaniec (Rutgers University & ETH-ITS) Analytic theory of L-functions 10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Nachdiplomvorlesung</i>
<p>Université de Fribourg Vincent Emery (EPF Lausanne) Volumes des variétés hyperboliques et actions de Galois 10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room</p>	<i>Oberseminar Geometrie</i>

<p>ETH Zürich Prof. Dr. Dragos Oprea (UC San Diego) The Chern character of the Verlinde bundle II 13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Algebraic Geometry and Moduli Seminar</i>
<p>Universität Bern Johanna F. Ziegel (Universität Bern) Risk measures with the CxLS property 14:40 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture room B77</p>	<i>Swiss Probability Seminar</i>
<p>Universität Basel Julien Sabin (Université Paris-Sud) Optimal trace ideals properties of the Fourier restriction operator and applications 15:15 • Universität Basel, Spiegelgasse 1, 4051 Basel, Raum 00.003</p>	<i>Seminar in Analysis</i>
<p>Universität Bern Xue-Mei Li (University of Warwick) Limits associated to stochastic homogenization 15:25 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture room B77</p>	<i>Swiss Probability Seminar</i>
<p>ETH Zürich Enrico Leuzinger (TU Karlsruhe) Title T.B.A. 15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Geometry Seminar</i>
<p>ETH Zürich Ivan Oseledets (INM RAS and SkolTech, Moscow) Tensor networks: applications and algorithms 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2</p>	<i>Zurich Colloquium in Applied and Computational Mathematics</i>
<p>EPF Lausanne Prof. Dr. Olivier Martin (Nanophotonics and Metrology Laboratory, EPFL) Modelling realistic plasmonic nanostructures: A surface integral equation approach 16:15 • EPF Lausanne, Salle INF 119</p>	<i>Computational Science and Engineering</i>
<p>EPF Lausanne Jonas Hirsch (TU Karlsruhe) Boundary regularity of Dirichlet minimizing Q-valued functions 16:15 • EPF Lausanne, Salle GC C3 30</p>	<i>Séminaire de Géométrie et Systèmes dynamiques</i>
<p>Universität Bern Daniel Ueltschi (University of Warwick) Random loop models and quantum spin systems 16:35 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture room B77</p>	<i>Swiss Probability Seminar</i>
<p>Universität Zürich Jan Maas (Universität Bonn) Entropic gradient flows in Markov chains and chemical reaction networks 17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<i>Seminar on Stochastic Processes</i>
<p>Universität Bern Lluis Quer-Sardanyons (Universitat Autònoma de Barcelona) Stochastic pde's with fractional noise in space 17:20 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture room B77</p>	<i>Swiss Probability Seminar</i>
Thursday, May 7	
<p>EPF Lausanne Gili Golan (University of Bar-Ilan) Title T.B.A. 13:00 • EPF Lausanne, Salle MA 30</p>	<i>Ergodic and Geometry Group Theory</i>

<p>EPF Lausanne</p> <p>Pierre Charollois (Institut de Mathématiques de Jussieu, Université Paris 6)</p> <p>Cocycles entiers explicites sur $GL_n(\mathbb{Z})$ et valeurs spéciales de fonctions zêtas p-adiques</p> <p>14:15 • EPF Lausanne, Salle GR A3 30</p>	<p><i>Séminaire d'Algèbre et de Théorie des Nombres</i></p>
<p>Universität Basel</p> <p>Fabrizio Barroero (SNS Pisa)</p> <p>Unlikely Intersections in certain families of abelian varieties and the polynomial Pell equation</p> <p>14:15 • Universität Basel, Kurssaal U201, Alte Universität</p>	<p><i>Seminar Zahlentheorie</i></p>
<p>ETH Zürich</p> <p>Clément Dupont (MPIM Bonn)</p> <p>The Hopf algebra of dissection polylogarithms</p> <p>15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Talks in Mathematical Physics</i></p>
<p>ETH Zürich</p> <p>Fred Espen Benth (University of Oslo)</p> <p>Stochastic volatility in energy forward prices</p> <p>17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Talks in Financial and Insurance Mathematics</i></p>
<p>EPF Lausanne</p> <p>Martin Hairer (University of Warwick)</p> <p>Bernoulli Lecture II - Weak universality of the KPZ equation</p> <p>17:15 • EPF Lausanne, Salle BI A0 448</p>	<p><i>Bernoulli Lectures</i></p>
<p>Universität Zürich</p> <p>Prof. Dr. Kevin Zumbrun (Indiana University)</p> <p>[Video Seminar] Modulation of spatially periodic patterns and behavior of thin film flows</p> <p>18:10 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36</p>	<p><i>Seminar in Partial Differential Equations</i></p>
<p>Friday, May 8</p>	
<p>ETH Zürich</p> <p>Prof. Dr. Jacob Fox (Stanford University)</p> <p>Regularity Methods in Combinatorics</p> <p>10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Nachdiplomvorlesung</i></p>
<p>Universität Basel</p> <p>Christian Stohrer (ENSTA ParisTech)</p> <p>Title T.B.A.</p> <p>11:00 • Universität Basel, Spiegelgasse 5, 4051 Basel, Raum 05.001</p>	<p><i>Seminar in Numerical Analysis</i></p>
<p>Université de Fribourg</p> <p>Nicholas Proudfoot (University of Oregon)</p> <p>Toric and hypertoric combinatorics</p> <p>11:15 • Université de Fribourg, Math II Lonza, seminar room 0.101</p>	<p><i>Combinatorics Seminar</i></p>
<p>ETH Zürich</p> <p>Yingkun Li (Universität Darmstadt)</p> <p>Title T.B.A.</p> <p>13:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Number Theory Seminar</i></p>
<p>EPF Lausanne</p> <p>Senja Barthel (Imperial College London)</p> <p>Spatial graphs and minimally knottedness</p> <p>14:15 • EPF Lausanne, Salle CM 09</p>	<p><i>Seminar of Applied Topology</i></p>
<p>EPF Lausanne</p> <p>Prof. Dr. Robin Henderson (Newcastle University)</p> <p>Adaptive Treatment and Robust Control</p> <p>15:15 • EPF Lausanne, Salle MA 31</p>	<p><i>Statistics Seminar</i></p>

EPF Lausanne

Prof. Dr. Hartmut Schwetlick (University of Bath, UK)

Title T.B.A.

15:15 • EPF Lausanne, Salle MA A3 31

Séminaire d'Analyse

ETH Zürich

Adrien Sauvaget (Université Paris-Jussieu)

Locus of abelian differentials with multiple zeros

15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Algebraic Geometry and Moduli Seminar

Special Announcements

Analytic aspects of number theory

ETH Zürich

Mai 18-22, 2015

http://www.fim.math.ethz.ch/conferences/2015/Workshop_Analytic

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