

Monday, May 13**Université de Genève***Mini-Cours***Greg Kuperberg (UC Davis)**

Quantum probability and quantum computation, for mathematicians

10:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

Universität Zürich*Oberseminar: Algebraische Geometrie***Prof. Dr. Shuji Saito (University of Tokyo)**

Rigid analytic K-theory and p-adic Chern character

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

Université de Genève*Séminaire de Mathématique Physique***Lukas Schoug (University of Stockholm)**

Title T.B.A.

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

EPF Lausanne*Computational Mathematics Seminar***Prof. Dr. Thomas Huckel (TU München)**

Bits & Bugs: Software Failures in Scientific Computing

16:15 • EPF Lausanne, Salle MA A1 12

Universität Bern*Mathematisches Kolloquium***Prof. Dr. Rafael Andrist (American University of Beirut)**

Title T.B.A.

17:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture Room 119

Tuesday, May 14**ETH Zürich***Nachdiplomvorlesung***Raphaël Krikorian (Université de Cergy-Pontoise)**

Spectral and dynamical aspects of the theory of quasi-periodic Schrödinger operators

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

Universität Basel*Seminar Algebra & Geometrie***Urban Jezernik (University of the Basque Country)**

Irrationality of quotient varieties

10:30 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Seminar Room 05.002

EPF Lausanne*Groups, Arithmetic and Algebraic Geometry Seminar***Maxime Pelletier (Université de Nice)**

Production of stable faces of the Kronecker cone

14:00 • EPF Lausanne, Salle PH H3 33

Université de Genève*Séminaire d'Analyse Numérique***Maxim Rakhuba (ETH Zürich)**

Title T.B.A.

14:00 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 623

Université de Genève*Lie groups and moduli spaces***Dmitry Talalaev (Moscow State University and IHES)**

Modified tetrahedron equation in 3D Ising model and Hopfield neural network

15:00 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

<p>EPF Lausanne Dr. Martin Eigel (Weierstraß-Institut für angewandte Analysis und Stochastik, Berlin) A statistical learning approach for parametric PDEs 16:15 • EPF Lausanne, Salle MA A1 10</p>	<p><i>Computational Mathematics Seminar</i></p>
<p>Université de Fribourg Prof. Dr. Joseph Brader (Université de Fribourg) Density functionals in the theory of liquids 17:15 • Université de Fribourg, room Phys 2.52</p>	<p><i>Colloquium</i></p>
<p>Wednesday, May 15</p>	
<p>Université de Fribourg Dominik Gruber (ETH Zürich) Title T.B.A. 10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room</p>	<p><i>Oberseminar Geometrie</i></p>
<p>Universität Basel Augusto Teixeira (IMPA) Random walk on a simple exclusion process 11:00 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 1, Room 05.002</p>	<p><i>Seminar in Probability Theory</i></p>
<p>ETH Zürich Dr. Daniele Agostini (Humboldt-Universität Berlin) Syzygies, secants and tautological bundles 13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Algebraic Geometry and Moduli Seminar</i></p>
<p>ETH Zürich Nora Szöke (EPF Lausanne) Extensive amenability and a Tits alternative for topological full groups 15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Geometry Seminar</i></p>
<p>Universität Zürich Prof. Dr. Arnulf Jentzen (ETH Zurich) Overcoming the curse of dimensionality: from nonlinear Monte Carlo to deep artificial neural networks 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>Thursday, May 16</p>	
<p>EPF Lausanne Mehrdad Kalantar (University of Houston) Quasi-regular representations of discrete groups and associated C*-algebras 13:00 • EPF Lausanne, Salle GR A3 30</p>	<p><i>Ergodic and Geometry Group Theory</i></p>
<p>Universität Zürich Laurent Lafleche (Paris Dauphine) Title T.B.A. 14:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12</p>	<p><i>Seminar PDE and Mathematical Physics</i></p>
<p>Universität Basel Annette Werner (Universität Frankfurt am Main) Title T.B.A. 14:15 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Seminar Room 00.003</p>	<p><i>Seminar Zahlentheorie</i></p>
<p>EPF Lausanne Dr. Sergey Dolgov (University of Bath, UK) Low-rank tensor decompositions for sampling of high-dimensional probability distributions 14:15 • EPF Lausanne, Salle MA A1 12</p>	<p><i>Computational Mathematics Seminar</i></p>

<p>ETH Zürich Tim Weelinck (University of Edinburgh) Title T.B.A. 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Talks in Mathematical Physics</i></p>
<p>ETH Zürich Francesca Biagini (Mathematisches Institut der Universität München) Liquidity induced asset bubbles in banking networks 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Talks in Financial and Insurance Mathematics</i></p>
<p>Friday, May 17</p>	
<p>EPF Lausanne Emiliano Pagnotta (Imperial College, London) Bitcoin as Decentralized Money: Prices, Mining, and Network Security 10:30 • EPF Lausanne, Quartier UNIL - Dorigny, Salle Extranef 126</p>	<p><i>Talks in Mathematical Finance</i></p>
<p>Universität Basel Thomas Wihler (Universität Bern) Title T.B.A. 11:00 • Universität Basel, Mathematisches Institut, Spiegelgasse 5, 4051 Basel, Raum 05.001</p>	<p><i>Seminar in Numerical Analysis</i></p>
<p>ETH Zürich Prof. Dr. Shabnam Akhtari (University of Oregon and MPIM) Title T.B.A. 14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Number Theory Seminar</i></p>
<p>Université de Neuchâtel D. Labbé (PACTE - Université de Grenoble) Portraits linguistiques des présidents français de 1958 à 2018 14:15 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile - Argand 11, Auditoire B013</p>	<p><i>Séminaire Mathématiques et Société</i></p>
<p>EPF Lausanne Dr. Simon Barthelme (CNRS Grenoble) Title T.B.A. 14:15 • EPF Lausanne, Salle CM 1 104</p>	<p><i>Statistics Seminar</i></p>
<p>EPF Lausanne Prof. Dr. Xavier Ros-Oton (Universität Zürich) On the Size of the Singular Set in the Stefan Problem 14:15 • EPF Lausanne, Salle MA B1 11</p>	<p><i>Séminaire d'Analyse</i></p>
<p>ETH Zürich Prof. Dr. Renzo Cavalieri (Colorado State University) Title T.B.A. 16:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Algebraic Geometry and Moduli Seminar</i></p>
<p>Universität Bern Prof. Dr. Philipp Baumann (Universität Bern) Comparing two new combinatorial optimization algorithms for binary classification to leading machine learning techniques 16:15 • Universität Bern, Alpeneggstrasse 22, 3012 Bern, Hörsaal 203</p>	<p><i>Colloquia on Probability and Statistics</i></p>
<p>EPF Lausanne Valentina Masarotto (EPF Lausanne) Procrustes Metrics and Optimal Transport for Covariance Operators 17:15 • EPF Lausanne, Salle MA B1 11</p>	<p><i>Soutenance de Thèse</i></p>

Special Announcements

Conference in honor of Prof. André Haefliger's 90th birthday

University of Geneva

May 15-17, 2019

<http://www.nccr-swissmap.ch/events/conference-honor-prof-andr%C3%A9-haefligers-90th-birthday>

Journée Georges de Rham

Claudia de Rham (Imperial College)

Martin Hairer (Imperial College)

EPF Lausanne

May 15, 2019

<https://math.epfl.ch/de-rham/>

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