

Monday, December 8**Université de Neuchâtel***Seminar on Coding Theory and Cryptography***Pierre-Jean Spaenlehauer (INRIA Nancy, France)**

On the complexity of computing critical points with Gröbner bases

11:00 • Université de Neuchâtel, Institut de Mathématiques, Emile-Argand 11, CH-2000 Neuchâtel, Room B217

Université de Neuchâtel*Seminar on Coding Theory and Cryptography***Javier de la Cruz (Universidad del Norte, Colombia)**

On the automorphism group of extremal codes of length 24m

13:00 • Université de Neuchâtel, Institut de Mathématiques, Emile-Argand 11, CH-2000 Neuchâtel, Room B217

Université de Genève*Lie groups and moduli spaces***Joel Kamnitzer (University of Toronto)**

Canonical bases for functions on character varieties and Langlands duality (following Goncharov-Shen)

13:15 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Universität Zürich*Advanced Seminar in Algebraic Geometry***Dr. Haoran Wang (IHES)**

On the geometry of the tame Drinfeld cover

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

ETH Zürich*Symplectic Geometry Seminar***Jake Solomon (Hebrew University, Israel)**

A reverse isoperimetric inequality for J-holomorphic curves

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

EPF Lausanne*Geometry Seminar EPFL***András Némethi (MTA Budapest)**

Lattice cohomology in topology and singularity theory

15:15 • EPF Lausanne, Salle MA A3 31

Université de Genève*Séminaire de Mathématique Physique***Nicolas Rougerie (CNRS Grenoble)**

Title T.B.A.

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

ETH Zürich*Optimization and Applications Seminar***Prof. Dr. Jiri Outrata (Czech Academy of Sciences, Prague)**

On Walras-Cournot-Nash equilibria and their computation

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

Universität Bern*Mathematisches Kolloquium***Prof. Dr. Davide Vittone (University of Padova)**

The regularity problem for sub-Riemannian geodesics

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

Tuesday, December 9**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

<p>ETH Zürich Tom Hurd (McMaster University) Mathematics of Financial Systemic Risk 10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<i>Nachdiplomvorlesung</i>
<p>Université de Genève Marc Burger (ETH Zürich) On lattices in products of trees: old and new (1st part) 10:30 • Université de Genève, Salle 623</p>	<i>Groupes et Géométrie</i>
<p>Université de Genève Marc Burger (ETH Zürich) On lattices in products of trees: old and new (2nd part) 13:30 • Université de Genève, Salle 624</p>	<i>Groupes et Géométrie</i>
<p>Université de Genève Nicole Spillane (Universidad de Chile) Adaptive Coarse Spaces and Multiple Search Directions: Tools for Robust Domain Decomposition Algorithms 13:45 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17</p>	<i>Séminaire d'Analyse Numérique</i>
<p>ETH Zürich Dr. Vedran Sohinger (ETH Zürich) The Gross-Pitaevskii hierarchy on periodic domains 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Analysis Seminar</i>
<p>Université de Neuchâtel Marco Mazzucchelli (ENS Lyon) Periodic orbits in Hamiltonian dynamics 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. Frank Merle (IHES and Univ. de Cergy-Pontoise) Asymptotic behavior for solutions of some critical dispersive equations 17:15 • UZH Zentrum, Building KO2, Room F 150</p>	<i>Zurich Colloquium in Mathematics</i>
<p>Universität Fribourg Pierre-Emmanuel Caprace (Université Catholique de Louvain) Title T.B.A. 17:15 • Universität Fribourg, Hörsaal 2.52, Physikgebäude, 1700 Fribourg</p>	<i>Colloquium</i>
Wednesday, December 10	
<p>ETH Zürich Tom Hurd (McMaster University) Mathematics of Financial Systemic Risk 10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<i>Nachdiplomvorlesung</i>
<p>Universität Basel Annalisa Massaccesi (Universität Zürich) Frobenius property for integral currents and decomposition of normal currents 16:00 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal</p>	<i>Seminar in Analysis</i>
<p>Universität Zürich Prof. Dr. David Ryckelynck (MINES Paristech, Evry, France) Title T.B.A. 16:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<i>Zurich Colloquium in Applied and Computational Mathematics</i>

<p>EPF Lausanne Dr. David Cohen (Umea University, Sweden) A fully discrete approximation of the one - dimensional stochastic wave equation 16:15 • EPF Lausanne, Salle ME B3 31</p>	<p><i>Computational Science and Engineering</i></p>
<p>Université de Genève Alessio Figalli (University of Texas) A transportation approach to random matrices 16:15 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge</p>	<p><i>Colloque de Mathématiques</i></p>
<p>Universität Basel Daive Vittone (University of Padua) Area-minimizing graphs in the Heisenberg group 17:00 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal</p>	<p><i>Seminar in Analysis</i></p>
<p>Universität Zürich Jérémie Bettinelli (Institut Elie Cartan, Nancy) Geodesics in Brownian surfaces 17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<p><i>Seminar on Stochastic Processes</i></p>
<p>Thursday, December 11</p>	
<p>EPF Lausanne Menny Aka (ETH Zürich) Diophantine properties of Lie groups 10:15 • EPF Lausanne, Salle MA A3 30</p>	<p><i>Group Theory Seminar</i></p>
<p>ETH Zürich Tom Hurd (McMaster University) Mathematics of Financial Systemic Risk 10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<p><i>Nachdiplomvorlesung</i></p>
<p>Université de Neuchâtel Florian Bouquet (IRMAR – Université de Rennes 1) Vitesses de convergence à l'équilibre pour une classe de PDMPs utilisés en pharmacocinétique 10:30 • Université de Neuchâtel, Rue Emile - Argand 11, Auditoire B217</p>	<p><i>Neuchâtel Probability Seminar</i></p>
<p>Université de Fribourg Lev Kiwi (Universite de Fribourg) Circle actions on complete intersections. Part II 13:15 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room</p>	<p><i>Oberseminar Topologie</i></p>
<p>ETH Zürich Marco Zambon (University of Madrid) Equivalences of coisotropic submanifolds 14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2</p>	<p><i>Talks in Mathematical Physics</i></p>
<p>ETH Zürich Syed Ejaz Ahmed (Brock University, Ontario) Big Data Big Bias Small Surprise! 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<p><i>ZüKoSt Zürcher Kolloquium über Statistik</i></p>
<p>ETH Zürich Prof. Dr. Dmitry Chelkak (ETH-ITS Institute for Theoretical Studies) 2D Ising model at and near criticality: what we can prove and what we still would like to understand 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 3</p>	<p><i>ITS Science Colloquium</i></p>

<p>Université de Genève Dario Martelli (King's College, London) Mathematical structures arising in string theory and the gauge/gravity duality 16:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17</p>	<i>Colloque de Mathématiques</i>
<p>Universität Zürich Konstantinas Pileckas (Vilnius University) Asymptotic analysis of the non-steady Navier-Stokes equations in a tube structure 17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<i>Workshop in Analysis</i>
Friday, December 12	
<p>ETH Zürich Tom Hurd (McMaster University) Mathematics of Financial Systemic Risk 10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<i>Nachdiplomvorlesung</i>
<p>Universität Basel Salomon Vishkautsan (Scuola Normale Superiore di Pisa) Title T.B.A. 10:30 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Kleiner Hörsaal</p>	<i>Seminar Algebra & Geometrie</i>
<p>Universität Basel Olaf Schenk (Universita della Svizzera italiana) Title T.B.A. 11:00 • Universität Basel, Mathematisches Institut, Rheinsprung 21, 4051 Basel, Grosser Hörsaal</p>	<i>Seminar in Numerical Analysis</i>
<p>Université de Genève David Cohen (Umeå Universitet) A fully discrete approximation of the one-dimensional stochastic wave equation 11:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 624</p>	<i>Séminaire d'Analyse Numérique</i>
<p>Universität Zürich Prof. Dr. Carsten Carstensen (Humboldt-Universität Berlin) The Axioms of Adaptivity 13:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<i>Zurich Colloquium in Applied and Computational Mathematics</i>
<p>EPF Lausanne Andreas Tsanakas (London City University) Model Risk Cultures 14:00 • EPF Lausanne, Extranef, Salle 118</p>	<i>Talks in Mathematical Finance</i>
<p>EPF Lausanne Thomas Willwacher (Universität Zürich) Deformation theory of the little n-cubes operads and graph complexes 14:15 • EPF Lausanne, Salle MA 30</p>	<i>Séminaire de Topologie</i>
<p>EPF Lausanne Prof. Dr. Gustav Holzegel (Imperial College London) The Black Hole Stability Problem 15:15 • EPF Lausanne, Salle MA A3 31</p>	<i>Séminaire d'Analyse</i>
<p>ETH Zürich Prof. Dr. Marcos Marino (Université de Genève) Title T.B.A. 16:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Algebraic Geometry and Moduli Seminar</i>

Saturday, December 13

ETH Zürich

Tom Hurd (McMaster University)

Mathematics of Financial Systemic Risk

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

Nachdiplomvorlesung

Special Announcements

Farewell Lecture

Hans-Christoph Im Hof

Basel, December 12, 2014

https://math.unibas.ch/fileadmin/mathe/redaktion/Bilder/Interne_Anlaesse/Abschied_Im_Hof/Abschiedsvorlesung.pdf

Rigi-Workshop 2015

Mathematical and Computational Modeling in Life Sciences

Rigi-Kulm

January 18-20, 2015

<http://biologie.scnat.ch/rigi-workshop/>

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