

Monday, April 20

EPF Lausanne*Courses CIB***Thierry Lévy and Ambar Sengupta (Louisiana State University)**

Four chapters on low-dimensional gauge theories

10:00 • EPF Lausanne, BI A0 448

EPF Lausanne*Talks in Mathematical Finance***Kai Li (University of British Columbia)**

Title T.B.A.

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

Université de Neuchâtel*Seminar on Coding Theory and Cryptography***Irene Márquez-Corbella (INRIA Rocquencourt)**

Algebraic-Geometry Code-Based Cryptography

11:00 • Université de Neuchâtel, Institut de Mathématiques, Emile Argand 11, CH-2000 Neuchâtel, Room E213

Université de Neuchâtel*Seminar on Coding Theory and Cryptography***Wanja Chresta (Universität Basel)**

An attack to the Wild McEliece cryptosystem over quadratic extensions

13:00 • Université de Neuchâtel, Institut de Mathématiques, Emile Argand 11, CH-2000 Neuchâtel, Room E213

Universität Zürich*Advanced Seminar in Algebraic Geometry***Dr. Wushi Goldring (Universität Zürich)**

Title T.B.A.

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***Jonny Evans (University College London)**

Floer theory for homogeneous Lagrangians

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

ETH Zürich*Algebraic Geometry and Moduli Seminar***Dr. Alessandro Sisto (ETH Zürich)**

Mapping Class Groups and Gromov-hyperbolicity II

15:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room F 33.1

ETH Zürich*Optimization and Applications Seminar***Prof. Dr. Fredi Tröltzsch (Technische Universität Berlin)**

Optimal and Feedback Control of wave-type solutions of reaction-diffusion equations

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

Universität Bern*Mathematisches Kolloquium***Dr. David Cimasoni (Université de Genève)**

The two-dimensional critical Ising model

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

Tuesday, April 21**EPF Lausanne***Courses CIB***Thierry Lévy and Ambar Sengupta (Louisiana State University)**

Four chapters on low-dimensional gauge theories

10:00 • EPF Lausanne, BI A0 448

ETH Zürich*ITS Informal Analytic Number Theory Seminar***Prof. Dr. Emmanuel Kowalski (ETH Zürich, Switzerland)**

Equidistribution properties of Mellin transforms over finite fields, following N. Katz

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

ETH Zürich*Nachdiplomvorlesung***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

Université de Genève*Séminaire d'Analyse Numérique***Madalina Petcu (Université de Poitiers)**

L'analyse numérique des équations de Cahn-Hilliard avec des bords non-perméables

14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

EPF Lausanne*Geometry Seminar EPFL***Pavel Safronov (University of Oxford)**

Title T.B.A.

15:15 • EPF Lausanne, Salle MA A3 30

ETH Zürich*Analysis Seminar***Dr. Isabella Ianni (University of Naples)**

Asymptotic analysis and sign-changing bubble towers for Lane-Emden problems

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

Université de Genève*Lie groups and moduli spaces***Ian Marshall (Higher School of Economics, Moscow)**

A new model in the Calogero-Ruijsenaars family

15:30 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Université de Fribourg*Colloquium***Wolfgang Lück (Universität Bonn / HIM Bonn)**

Introduction to L2-Betti numbers

17:15 • Université de Fribourg, room Phys 2.52

Wednesday, April 22**EPF Lausanne***Courses CIB***Thierry Lévy and Ambar Sengupta (Louisiana State University)**

Four chapters on low-dimensional gauge theories

10:00 • EPF Lausanne, BI A0 448

ETH Zürich*Nachdiplomvorlesung***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

Université de Fribourg*Oberseminar Geometrie***Dr. Viktoriya Ozornova (Bremen / MPIM Bonn)**

Title T.B.A.

10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room

<p>Universität Basel Laura Spinolo (IMATI-CNR, Pavia) A counter-example concerning regularity properties for systems of conservation laws 15:15 • Universität Basel, Spiegelgasse 1, 4051 Basel, Raum 00.003</p>	<i>Seminar in Analysis</i>
<p>EPF Lausanne Prof. Dr. Georges-Henri Cottet (Laboratoire Jean Kuntzmann, Grenoble) Turbulent transport : the interplay of Physics, Mathematics and High Performance Computing 16:15 • EPF Lausanne, Salle CM 1 221</p>	<i>Computational Science and Engineering</i>
<p>Université de Neuchâtel M. Schumacher (Gymnase d'Yverdon) Sangaku 16:15 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile-Argand 11, CH-2000 Neuchâtel, Auditoire Louis-Guillaume, ALG, F200</p>	<i>Séminaire Mathématiques et Société</i>
<p>ETH Zürich Dr. Ricardo Ruiz-Baier (University of Lausanne) Modelling, numerics, and analysis of cardiac electromechanics 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 Wilfrid S. Kendall (University of Warwick) Buffon Needles, Google Maps, and Friends 16:15 • EPF Lausanne, auditorium GC C3 30</p>	<i>Journée Georges de Rham</i>
<p>Universität Zürich Simone Warzel (TU München) Resonant delocalization 17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<i>Seminar on Stochastic Processes</i>
<p>EPF Lausanne Robert J. Adler (Technion - Israel Institute of Technology) Phase Transitions and Random Topology 17:45 • EPF Lausanne, auditorium GC C3 30</p>	<i>Journée Georges de Rham</i>
Thursday, April 23	
<p>EPF Lausanne Javier Aramayona (Université de Toulouse) Rigidity phenomena for mapping class groups 09:15 • EPF Lausanne, Salle CM 106</p>	<i>Séminaire de Topologie</i>
<p>EPF Lausanne Thierry Lévy and Ambar Sengupta (Louisiana State University) Four chapters on low-dimensional gauge theories 10:00 • EPF Lausanne, BI AO 448</p>	<i>Courses CIB</i>
<p>Universität Basel Johannes Josi (Université de Genève) Title T.B.A. 12:15 • Universität Basel, Spiegelgasse 5, Seminarraum 05.002</p>	<i>Bernoullis Tafelrunde</i>
<p>Université de Genève Gyo Taek Jin (KAIST, South Korea) Quadrisecant approximation of minimal polygonal knots 14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17</p>	<i>Séminaire de Topologie et Géométrie</i>

<p>University of Fribourg Prof. Dr. Kai Rajala (Uni Jyvaskyla) Uniformization of metric surfaces 15:15 • University of Fribourg, auditorium 2.52, Physics building</p>	<i>Analysis Seminar Fribourg</i>
<p>ETH Zürich Diego Kuonen (Statoo Consulting, Bern) A Statistician's 'Big Tent' View on Big Data and Data Science 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<i>ZüKoSt Zürcher Kolloquium über Statistik</i>
<p>ETH Zürich Jonathan Donier (Université Paris 6 & CFM) How agents' decisions impact prices: Empirical evidence, theory and implications 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Talks in Financial and Insurance Mathematics</i>
Friday, April 24	
<p>ETH Zürich Prof. Dr. Jacob Fox (Stanford University) Regularity Methods in Combinatorics 10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Nachdiplomvorlesung</i>
<p>EPF Lausanne Luke Taylor (Wharton School, USA) Title T.B.A. 10:30 • EPF Lausanne, Quartier UNIL - Dorigny, Extranef, Salle 126</p>	<i>Talks in Mathematical Finance</i>
<p>Universität Basel Mathieu Huruguen (EPFL, Lausanne) Title T.B.A. 10:30 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 1</p>	<i>Seminar Algebra & Geometrie</i>
<p>Universität Basel David Cohen (Umeå University) A fully discrete approximation of the one-dimensional stochastic wave equation 11:00 • Universität Basel, Spiegelgasse 5, 4051 Basel, Raum 05.001</p>	<i>Seminar in Numerical Analysis</i>
<p>Université de Lausanne Olaf Menkens (Dublin City University, Ireland) Worst Case Scenario Optimisation - A Review 14:00 • Université de Lausanne, Extranef, Salle 109</p>	<i>Talks in Actuarial Mathematics</i>
<p>Universität Bern Wilfrid Kendall (University of Warwick) A Perfect Queue 14:15 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture room B5</p>	<i>Swiss Statistics Seminars</i>
<p>Université de Genève Pavel Safronov (University of Oxford) Hamiltonian reductions and field theories 14:15 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge</p>	<i>Lie groups and moduli spaces</i>
<p>Universität Bern Julie Josse (Agrocampus Ouest, Rennes) A Flexible Framework for Regularized Low-Rank Matrix Estimation 15:30 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture room B5</p>	<i>Swiss Statistics Seminars</i>

Universität Bern

Holger Dette (Ruhr-Universität Bochum)

Copula Based Spectral Analysis

16:45 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture room B5

Swiss Statistics Seminars

Special Announcements

Journée Georges de Rham

Robert Adler (Technion)

Wilfrid Kendall (Warwick)

EPF Lausanne, April 22, 2015

<http://wiki.epfl.ch/derham2015>

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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