

**Monday, December 7****EPF Lausanne***Conference CIB*

Random walks and harmonic functions on groups

09:00 • EPF Lausanne, Salle BI A0 448

**Université de Genève***Séminaire "Fables Géométriques"***Israel Vainsencher (Universidade Federal de Minas Gerais, Brasil)**

Legendrian curves

16:15 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

**Université de Fribourg***Michel Plancherel Lectures***Bernd Sturmfels (UC Berkeley)**

Beyond Linear Algebra

17:30 • Université de Fribourg, ch. du Musée 14, Pérolles 2, Lecture Hall G120

**Tuesday, December 8****EPF Lausanne***Conference CIB*

Random walks and harmonic functions on groups

09:00 • EPF Lausanne, Salle BI A0 448

**EPF Lausanne***Séminaire de Topologie***Sean Tilson (Universität Osnabrück)**

Relative smash products of commutative ring spectra

10:15 • EPF Lausanne, Salle CM 113

**ETH Zürich***Nachdiplomvorlesung***Prof. Dr. Martin Wainwright (University of California, Berkeley)**

Title T.B.A.

10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

**Université de Genève***Séminaire "Fables Géométriques"***Renzo Cavalieri (Colorado State University)**

Tropical geometry: a graphical interface for the GW/Hurwitz correspondenc

11:15 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

**Université de Genève***Lie groups and moduli spaces***Bernd Sturmfels (UC Berkeley)**

Exponential Varieties

14:30 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

**ETH Zürich***Analysis Seminar***Dr. Thomas Mettler (Institut für Mathematik Goethe Universität Frankfurt)**

Extremal conformal structures on projective surfaces

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

**EPF Lausanne***Geometry Seminar EPFL***Jean Schröer (Universität Bonn)**

Title T.B.A.

15:15 • EPF Lausanne, Salle CHB331

**ETH Zürich***Zurich Colloquium in Mathematics***Prof. Dr. Winfried Scharlau (Universität Münster)**

Alexander Grothendieck -- the life of an outsider

17:15 • ETH Zentrum, Building KO2, Room F 150

Wednesday, December 9	
<p><b>EPF Lausanne</b></p> <p>Random walks and harmonic functions on groups 09:00 • EPF Lausanne, Salle BI A0 448</p>	<i>Conference CIB</i>
<p><b>ETH Zürich</b></p> <p><b>Prof. Dr. Renzo Cavalieri (Colorado State University)</b> Open Gromov-Witten invariants for toric orbifolds II 13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Algebraic Geometry and Moduli Seminar</i>
<p><b>Université de Genève</b></p> <p><b>Hans Z. Munthe-Kaas (University of Bergen)</b> Title T.B.A. 14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623</p>	<i>Séminaire d'Analyse Numérique</i>
<p><b>Universität Basel</b></p> <p><b>Alessandra Pluda (Università di Pisa)</b> Title T.B.A. 14:15 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 1, Room 00.003</p>	<i>Seminar in Analysis</i>
<p><b>ETH Zürich</b></p> <p><b>Victor Chepoi (Université de la Méditerranée, Marseille)</b> Helly graphs: local-to-global characterization and bicombing 15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Geometry Seminar</i>
<p><b>Universität Zürich</b></p> <p><b>Dr. Larisa Yaroslavtseva (University of Passau)</b> On very hard approximation problems for stochastic differential equations 16:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<i>Zurich Colloquium in Applied and Computational Mathematics</i>
<p><b>EPF Lausanne</b></p> <p><b>Dr. Fabien Delalondre (EPF Lausanne)</b> Brain simulation: Review of used numerical methods and challenges for reaching extreme scale 16:15 • EPF Lausanne, Salle MA A1 10</p>	<i>Computational Science and Engineering</i>
<p><b>ETH Zürich</b></p> <p><b>Ronen Eldan (Weizmann Institute)</b> On Talagrand's convolution conjecture in Gaussian space: regularization of <math>L_1</math> functions under the Ornstein-Uhlenbeck operator 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Seminar on Stochastic Processes</i>
Thursday, December 10	
<p><b>EPF Lausanne</b></p> <p>Random walks and harmonic functions on groups 09:00 • EPF Lausanne, Salle BI A0 448</p>	<i>Conference CIB</i>
<p><b>EPF Lausanne</b></p> <p><b>Sean Tilson (Universität Osnabrück)</b> Power operations in Adams spectral sequences 10:15 • EPF Lausanne, room t.b.a.</p>	<i>Séminaire de Topologie</i>
<p><b>ETH Zürich</b></p> <p><b>Prof. Dr. Walter Schachermayer (ETH-ITS / Universität Wien)</b> The asymptotic theory of transaction costs 10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Nachdiplomvorlesung</i>

<p><b>Université de Neuchâtel</b>  <b>Daniel Kiouss (EPF Lausanne)</b>  Limite d'échelle de marches aléatoires biaisées en conductance aléatoires dans le régime sous - ballistique  10:30 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile-Argand 11, CH-2000 Neuchâtel, Room B217</p>	<i>Séminaire de Probabilité</i>
<p><b>Universität Basel</b>  <b>Federico Lo Bianco (Université de Rennes 1)</b>  Title T.B.A.  12:15 • Universität Basel, Departement Mathematik und Informatik, Spiegelgasse 1, SR 00.003</p>	<i>Bernoullis Tafelrunde</i>
<p><b>Université de Genève</b>  <b>Israel Michael Sigal (University of Toronto and ETHZ)</b>  Mirimanoff Lecture 2015: Magnetic Vortices, vortex lattices and automorphic functions  14:30 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17</p>	<i>Colloque de Mathématiques</i>
<p><b>Université de Genève</b>  <b>Jürg Fröhlich (ETH Zürich)</b>  Mirimanoff Lecture 2015: The Arrow of Time  16:00 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17</p>	<i>Colloque de Mathématiques</i>
<p><b>ETH Zürich</b>  <b>Andrea Kraus (Masaryk University, Brno, Czech Republic)</b>  Modelling and estimating the spread of an epidemic from little initial information  16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<i>ZüKoSt Zürcher Kolloquium über Statistik</i>
<p><b>ETH Zürich</b>  <b>Frank Seifried (Universität Trier)</b>  Backward Nonlinear Expectation Equations and Continuous-Time Recursive Utility  16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2</p>	<i>Talks in Financial and Insurance Mathematics</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Eugene Demler (ETH-ITS and Harvard University)</b>  Exploring big questions on small scales  16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room F 5</p>	<i>ITS Science Colloquium</i>
<p><b>ETH Zürich</b>  <b>Habib Ammari (ETH Zürich)</b>  Mathematics For Imaging  17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room F 30</p>	<i>Inaugural Lectures</i>
<p><b>ETH Zürich</b>  <b>Johannes Muhle-Karbe (ETH Zürich)</b>  Title T.B.A.  17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Talks in Financial and Insurance Mathematics</i>
<b>Friday, December 11</b>	
<p><b>EPF Lausanne</b>  Random walks and harmonic functions on groups  09:00 • EPF Lausanne, Salle BI A0 448</p>	<i>Conference CIB</i>
<p><b>Universität Basel</b>  <b>Federico Lo Bianco (Université de Rennes)</b>  Title: t.b.a.  10:30 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 1</p>	<i>Seminar Algebra &amp; Geometrie</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Evelina Viada (ETH Zürich, Switzerland)</b>  Rational points on explicit families of curves  14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Number Theory Seminar</i>

**EPF Lausanne**

*Statistics Seminar*

**Giulia Cereda (Université de Lausanne & Leiden University)**

Nonparametric Bayesian approach to LR assessment in case of rare type match

15:15 • EPF Lausanne, Salle MA 10

**EPF Lausanne**

*Séminaire d'Analyse*

**Prof. Dr. Thomas Kappeler (Universität Zürich)**

Title T.B.A.

15:15 • EPF Lausanne, Salle MA A3 31

**ETH Zürich**

*Algebraic Geometry and Moduli Seminar*

**Prof. Dr. Renzo Cavalieri (Colorado State University)**

Open Gromov-Witten invariants for toric orbifolds III

16:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

### **Special Announcements**

#### **Plancherel Lecture**

*Bernd Sturmfels, UC Berkeley*

Fribourg

December 7, 2015

<http://math.unifr.ch/plancherel/>

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