

## Monday, November 5

## EPF Lausanne

**Dusko Bogdanic (ETH Zürich)**

Derived equivalences and gradings  
10:15 • EPF Lausanne, Salle MA A3 31

*Group Theory Seminar*

## ETH Zürich

**Ruth Charney (Brandeis University, USA)**

Outer space for right-angled Artin groups  
12:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

*Algebra, Combinatorics and Topology Seminar*

## ETH Zürich

**Sobhan Seyfaddini (ENS Paris)**

$C^0$  limits of Hamiltonian paths and spectral invariants  
15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

*Symplectic Geometry Seminar*

## ETH Zürich

**Prof. Dr. Adi Adimurthi (TIFR Bangalore, India)**

Exact controllability of entropy solutions of scalar conservation laws  
16:15 • ETH Zentrum, Building CLA, Room E 4

*Colloquium in Applied and Numerical Mathematics*

## Université de Genève

**Yair Hartman (Weizman Institute, Israel)**

Random walks on groups and recurrent subgroups  
16:15 • Université de Genève, Section Mathématiques, 2-4 rue du Lièvre - salle 17

*Séminaire de Mathématique Physique*

## ETH Zürich

**Prof. Dr. Jeffrey T. Linderoth (University of Wisconsin-Madison, USA)**

Mixed-Integer Nonlinear Programs with On-Off Constraints  
16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

*Optimization and Applications Seminar*

## Universität Bern

**Prof. Dr. Ragnar Sigurdsson (University of Iceland)**

Estimation of analytic functions and extremal functions in pluripotential theory  
17:15 • Universität Bern, Sidlerstrasse 5, 3012 Bern, ExWi B78

*Mathematisches Kolloquium*

## Tuesday, November 6

## Université de Genève

**Yair Hartman (Weizman Institute, Israel)**

The Furstenberg entropy realization problem  
10:30 • Université de Genève, Salle 623

*Groupes et Géométrie*

## ETH Zürich

**Prof. Dr. Erhan Bayraktar (University of Michigan)**

On the Multi-Dimensional Controller and Stopper Games  
15:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

*Talks in Financial and Insurance Mathematics*

## EPF Lausanne

**Prof. Dr. Raman Parimala (Emory University, Atlanta, USA)**

A Hasse principle for G-trace forms  
15:00 • EPF Lausanne, Salle MA 31

*Séminaire d'Algèbre et de Théorie des Nombres*

<p><b>ETH Zürich</b>  <b>Antonio Ponso (University of Padova, Italy)</b>  The Fermi-Pasta-Ulam problem: recent results and new conjectures  15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Analysis Seminar</i>
<p><b>Université de Genève</b>  <b>Prof. Dr. Mohammad Al-Khaleel (Yarmouk University, Jordanien)</b>  Title T.B.A.  15:15 • Université de Genève, Salle 623</p>	<i>Séminaire d'Analyse Numérique</i>
<p><b>Université de Genève</b>  <b>Catherine Meusburger (Friedrich-Alexander-Universität Erlangen-Nürnberg)</b>  Gauge fixing for the moduli space of flat Poincare connections  15:15 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge</p>	<i>Lie groups and moduli spaces</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Tom Hurd (McMaster University, Canada)</b>  To Be Announced  16:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<i>Talks in Financial and Insurance Mathematics</i>
<p><b>Universität Fribourg</b>  <b>Prof. Dr. Thierry de Pauw (Jussieu, Paris)</b>  Existence and regularity for the Plateau problem : Classical results and not so recent developments  17:15 • Universität Fribourg, Departement für Mathematik, chemin du musée 3, 1700 Fribourg, Hörsaal 2.52</p>	<i>Colloquium</i>
<b>Wednesday, November 7</b>	
<p><b>Universität Fribourg</b>  <b>Valentina Disarlo (Université de Strasbourg)</b>  Combinatorial rigidity of arc complexes  10:20 • Universität Fribourg, Departement für Mathematik, chemin du musée 23, 1700 Fribourg, Math II Lonza</p>	<i>Oberseminar Geometrie</i>
<p><b>Universität Bern</b>  <b>Lukas Martig (Universität Bern)</b>  Generalized Pareto Estimators for ARMA Models  11:00 • Universität Bern, Alpeneggstr. 22, Room 203</p>	<i>Institute Seminar</i>
<p><b>ETH Zürich</b>  <b>Yair Hartman (Weizman Institute, Israel)</b>  The Furstenberg entropy realization problem  15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Geometry Seminar</i>
<p><b>Universität Basel</b>  <b>Marcel Baumgartner (Nestlé, Vevey)</b>  Die richtigen Paletten am richtigen Ort mit Hilfe von statistischen Prognosen  17:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, 4051 Basel, Grosser Hörsaal</p>	<i>Das Basler Kolloquium für Mathematiklerpersonen</i>
<p><b>ETH Zürich</b>  <b>Andreas Kyprianou (University of Bath)</b>  Censored Stable Processes  17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Seminar on Stochastic Processes</i>
<b>Thursday, November 8</b>	
<p><b>Université de Neuchâtel</b>  <b>Mireille Crelier (Université de Neuchâtel)</b>  Persistence for Stochastic Difference Equations: A Mini-Review  10:00 • Université de Neuchâtel, Institut de mathématiques, rue Emile Argand 11, Neuchâtel, Salle B217 (2ème étage)</p>	<i>Neuchatel Probability Seminar</i>

<b>Universität Basel</b>	<i>Seminar Zahlentheorie</i>
<b>Prof. Dr. Amílcar Pacheco (Universidade Federal do Rio de Janeiro)</b> An analogue of the Brauer–Siegel theorem for abelian varieties in positive characteristic. 14:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal	
<b>ETH Zürich</b>	<i>Talks in Mathematical Physics</i>
<b>Yuri Berest (Cornell University, USA)</b> Topics in noncommutative geometry (FIM Minicourse) 4/5 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	
<b>Universität Zürich</b>	<i>Seminar in Partial Differential Equations and Numerics</i>
<b>Prof. Dr. Toufic Abboud (IMACS - XTEC École Polytechnique)</b> Title T.B.A. 16:00 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25	
<b>Universität Basel</b>	<i>Perlen-Kolloquium</i>
<b>Prof. Dr. Corinna Ulcigrai (University of Bristol)</b> Mathematical billiards and flows on surfaces 16:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal	
<b>EPF Lausanne</b>	<i>Bernoulli Lectures</i>
<b>Jean-louis Colliot-Thélène (CNRS, Université Paris-Sud)</b> Bernoulli Lecture II - Solutions entières des équations diophantiennes 16:15 • EPF Lausanne, Salle SV 1717A	
<b>ETH Zürich</b>	<i>Talks in Financial and Insurance Mathematics</i>
<b>Prof. Dr. Frank Riedel (Universität Bielefeld)</b> To Be Announced 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	
<b>Universität Zürich</b>	<i>Seminar on Stochastic Processes</i>
<b>Vladas Sidoravicius (IMPA, Rio de Janeiro)</b> Special Minicourse: Scheduling of random walks, Lipschitz embeddings and rough isometries of random sequences. Part III 17:15 • UZH Irchel, Building 27, Room H 46	
<b>Universität Zürich</b>	<i>Workshop in Analysis</i>
<b>Prof. Dr. Jean L. Mawhin (Université Catholique de Louvain)</b> Multiple solutions for Neumann problems involving the mean extrinsic curvature operator in Minkowsky space 17:15 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25	
<b>Friday, November 9</b>	
<b>Universität Zürich</b>	<i>Talks in Mathematical Physics</i>
<b>Yuri Berest (Cornell University, USA)</b> Topics in noncommutative geometry (FIM Minicourse) 5/5 10:15 • UZH Irchel, Building 27, Room H 28	
<b>Universität Basel</b>	<i>Seminar Algebra &amp; Geometrie</i>
<b>Yves de Cornulier (Laboratoire de Mathématiques d'Orsay)</b> Title T.B.A. 10:30 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Kleiner Hörsaal	
<b>Universität Basel</b>	<i>Seminar in Numerical Analysis</i>
<b>Soeren Bartels (Universität Freiburg)</b> Finite element approximation of large bending isometries 11:00 • Universität Basel, Mathematisches Institut, Rheinsprung 21, 4051 Basel, Grosser Hörsaal	
<b>EPF Lausanne</b>	<i>Séminaire de Topologie</i>
<b>Kathryn Hess (EPF Lausanne)</b> Spaces of long embeddings and iterated loop spaces 14:15 • EPF Lausanne, Salle MA 10	

**ETH Zürich**

*Statistics Research Seminar*

**Garvesh Raskutti (UC California, Berkeley)**

Early stopping of gradient descent for non-parametric regression: An optimal data-dependent stopping rule

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

**ETH Zürich**

*Algebraic Geometry and Moduli Seminar*

**Qizheng Yin (University of Amsterdam)**

On the tautological ring of the universal curve

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

**Universität Bern**

*Colloquia on Probability and Statistics*

**Prof. Dr. Antonio Cuevas (Universidad Autónoma de Madrid)**

On the statistical applications of Poincaré cone condition and related properties

16:00 • Universität Bern, Institut für math. Statistik und Versicherungslehre, Sidlerstrasse 5, ExWi, B 78

### **Special Announcements**

**Workshop: Journées de Géométrie Hyperbolique**

University of Fribourg

November 20-21, 2012

<http://homeweb1.unifr.ch/kellerha/pub/JourneesHyperboliques2012/JDG2012-welcome.html>

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