

**Monday, November 19****EPF Lausanne***Group Theory Seminar***Rosalie Chevalley (EPF Lausanne)**

Serre's theorem on products of Bockstein, I  
 10:15 • EPF Lausanne, Salle MA A3 31

**Universität Zürich***Advanced Seminar in Algebraic Geometry***Prof. Dr. Philippe Eyssidieux (Université Joseph Fourier)**

Linear Shafarevich conjecture and recent progress on uniformization of higher dimensional complex projective manifolds

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

**ETH Zürich***Symplectic Geometry Seminar***Yael Karshon (University of Toronto)**

Counting Toric Actions

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

**Université de Genève***Séminaire de Mathématique Physique***Alex Fribergh (Université de Toulouse)**

On the monotonicity of the speed of biased random walk on a Galton-Watson tree without leaves

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

**ETH Zürich***Optimization and Applications Seminar***Prof. Dr. Mark H.A. Davis (Imperial College London)**

Risk Management with Behavioural Factors

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

**ETH Zürich***Inaugural Lectures***Prof. Dr. Michael Eichmair (ETH Zürich, Switzerland)**

Die isoperimetrische Struktur asymptotisch flacher Mannigfaltigkeiten

17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room F 30

**Universität Bern***Mathematisches Kolloquium***Dr. Thomas Mettler (ETH Zürich)**

Metrisability problems in projective differential geometry

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

**Tuesday, November 20****ETH Zürich***Colloquium in Applied and Numerical Mathematics***Arnulf Jentzen (ETH Zürich)**

Numerical Analysis of Nonlinear Stochastic Differential Equations

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

**Universität Fribourg***Workshop "Journées de Géométrie Hyperbolique"***Prof. Dr. John Parker (University of Durham)**

A one parameter family of spherical CR structures on the Whitehead link complement (Joint with Pierre Will, Grenoble)

10:10 • Universität Fribourg, Departement für Mathematik, chemin du musée 3, 1700 Fribourg, Hörsaal 2.52

**Universität Fribourg***Workshop "Journées de Géométrie Hyperbolique"***Dr. Neil Hoffman (MPI Mathematik Bonn)**

Hyperbolic knot complements and commensurability

11:10 • Universität Fribourg, Departement für Mathematik, chemin du musée 3, 1700 Fribourg, Hörsaal 2.52

<b>Universität Fribourg</b> <b>Prof. Dr. Michelle Bucher (Université de Genève)</b> The volume of representations of hyperbolic lattices 14:10 • Universität Fribourg, Departement für Mathematik, chemin du musée 3, 1700 Fribourg, Hörsaal 2.52	<i>Workshop "Journées de Géométrie Hyperbolique"</i>
<b>Université de Genève</b> <b>Sebastiano Boscarino (University of Catania)</b> Implicit-Explicit Runge-Kutta methods for hyperbolic systems with stiff parabolic relaxation 14:15 • Université de Genève, Salle 623	<i>Séminaire d'Analyse Numérique</i>
<b>Université de Genève</b> <b>Johan Källén (Université de Genève)</b> Equivariant localization of Chern-Simons theory 14:15 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge	<i>Lie groups and moduli spaces</i>
<b>ETH Zürich</b> <b>Prof. Dr. Jonathan Dahl (Berkeley University)</b> The multi-marginal optimal transportation problem and minimal networks 14:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Analysis Seminar</i>
<b>Universität Fribourg</b> <b>Dr. John McLeod (University of Durham)</b> Quasi-reflective groups in hyperbolic space 15:10 • Universität Fribourg, Departement für Mathematik, chemin du musée 3, 1700 Fribourg, Hörsaal 2.52	<i>Workshop "Journées de Géométrie Hyperbolique"</i>
<b>Université de Genève</b> <b>Tony Shardlow (University of Bath, UK)</b> Approximation of Gaussian random fields 15:15 • Université de Genève, Salle 623	<i>Séminaire d'Analyse Numérique</i>
<b>ETH Zürich</b> <b>Prof. Dr. Laure Saint-Raymond (ENS Paris)</b> "The irreversibility in gas dynamics, a matter of probability" 15:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 42	<i>Analysis Seminar</i>
<b>Universität Fribourg</b> <b>Prof. Dr. John Ratcliffe (University of Nashville)</b> On Volumes of Hyperbolic Coxeter Polytopes and Quadratic Forms 17:15 • Universität Fribourg, Departement für Mathematik, chemin du musée 3, 1700 Fribourg, Hörsaal 2.52	<i>Colloquium</i>
<b>Universität Fribourg</b> <b>Prof. Dr. John Ratcliffe (Vanderbilt University)</b> On volumes of hyperbolic Coxeter polytopes and quadratic forms 17:15 • Universität Fribourg, Departement für Mathematik, chemin du musée 3, 1700 Fribourg, Hörsaal 2.52	<i>Workshop "Journées de Géométrie Hyperbolique"</i>

### Wednesday, November 21

<b>Universität Fribourg</b> <b>Prof. Dr. Elisha Falbel (Université de Paris)</b> Representations of 3-manifolds groups into $SL(3, \mathbb{C})$ 10:10 • Universität Fribourg, Departement für Mathematik, chemin du musée 3, 1700 Fribourg, Hörsaal 2.52	<i>Workshop "Journées de Géométrie Hyperbolique"</i>
<b>Universität Fribourg</b> <b>Dr. Ivan Izmetiev (FU Berlin)</b> Variational principles for isometric embeddings 11:10 • Universität Fribourg, Departement für Mathematik, chemin du musée 3, 1700 Fribourg, Hörsaal 2.52	<i>Workshop "Journées de Géométrie Hyperbolique"</i>

<b>Universität Fribourg</b> <b>Scott Thomson (Université de Fribourg)</b> Examples of non-arithmetic non-coherent groups 14:10 • Universität Fribourg, Departement für Mathematik, chemin du musée 3, 1700 Fribourg, Hörsaal 2.52	<i>Workshop "Journées de Géométrie Hyperbolique"</i>
<b>ETH Zürich</b> <b>John G. Radcliffe (Vanderbilt University)</b> On volumes of hyperbolic Coxeter polytopes and quadratic forms 15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Geometry Seminar</i>
<b>ETH Zürich</b> <b>Prof. Dr. Ilya Krishtal (Northern Illinois University, USA)</b> Dynamical sampling 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2	<i>Colloquium in Applied and Numerical Mathematics</i>
<b>Universität Basel</b> <b>Prof. Dr. Volker Abel (Hochschule München)</b> Messreihen: Erstklassig gemessen, zweitklassig ausgewertet. Ein (erstklassiger) Vorschlag zur Behebung dieses Gegensatzes 17:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, 4051 Basel, Grosser Hörsaal	<i>Das Basler Kolloquium für Mathematiklehrpersonen</i>
<b>ETH Zürich</b> <b>Jason Miller (Microsoft Research, Redmond)</b> Title T.B.A. 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Seminar on Stochastic Processes</i>

<b>Thursday, November 22</b>	
<b>ETH Zürich</b> <b>Arnulf Jentzen (ETH Zürich)</b> Numerical Analysis of Nonlinear Stochastic Differential Equations 10:10 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Colloquium in Applied and Numerical Mathematics</i>
<b>EPF Lausanne</b> <b>David Harari (Université Paris-Sud)</b> The Brauer-Manin obstruction in positive characteristic 11:15 • EPF Lausanne, SB-CIB, Station 15, Auditoire AAC 0 06	<i>Séminaire Centre Interfacultaire Bernoulli</i>
<b>ETH Zürich</b> <b>Dmitry Roytenberg (University of Utrecht)</b> Title T.B.A. 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Talks in Mathematical Physics</i>
<b>Universität Zürich</b> <b>Dr. Ole Schwen (Fraunhofer MEVIS)</b> Title T.B.A. 16:00 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25	<i>Seminar in Partial Differential Equations and Numerics</i>
<b>Université de Genève</b> <b>Hao Wu (Université Paris Orsay)</b> Conformally Invariant Growing Mechanism in CLE <sub>4</sub> and Couplings between GFF and CLE <sub>4</sub> 16:15 • Université de Genève, Section Mathématiques, 2-4 rue du Lièvre - salle 17	<i>Séminaire de Mathématique Physique</i>
<b>ETH Zürich</b> <b>Elena Di Bernardino (University of Paris X)</b> A multivariate extension of Value-at-Risk and Conditional-Tail-Expectation 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Talks in Financial and Insurance Mathematics</i>

**Friday, November 23**

**Universität Zürich**

*Talks in Mathematical Physics*

**Dr. Benoit Dherin (Berkeley)**

Quantization of actions and momentum maps

10:15 • UZH Irchel, Building 27, Room H 26

**ETH Zürich**

*Number Theory Seminar*

**Prof. Dr. Annette Werner (Universität Frankfurt)**

Buildings and non-archimedean flag varieties

14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

**EPF Lausanne**

*Séminaire d'Analyse*

**Daniele Valtorta (Università degli Studi di Milano)**

Quantitative stratification and critical sets of harmonic functions

15:15 • EPF Lausanne, Salle MA 30

**ETH Zürich**

*Algebraic Geometry and Moduli Seminar*

**Ben Davison (Oxford University)**

Donaldson-Thomas theory for real 3-manifolds

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

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