

## Monday, October 29

## EPF Lausanne

Group Theory Seminar

## Haralampos Geranios (EPF Lausanne)

Polynomially and Infinitesimally Injective Modules, Part II

10:30 • EPF Lausanne, Salle MA A3 31

## ETH Zürich

Algebra, Combinatorics and Topology Seminar

## Guo-Niu Han (Universität Strasbourg)

Multivariable Tangent and Secant  $q$ -derivative Polynomials

12:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

## Universität Zürich

Advanced Seminar in Algebraic Geometry

## Dr. Benoit Stroh (Université Paris 13)

On the center of some Hecke algebras

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

## ETH Zürich

Symplectic Geometry Seminar

## Damien Calaque (ETH Zürich)

Arnold's non-displaceability via sheaf theory (after Guillermou-Kashiwara-Schapira)

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

## Université de Genève

Séminaire de Mathématique Physique

## Pierre-François Rodriguez (ETH Zürich)

On the level-set percolation for the Gaussian free field

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

## ETH Zürich

Optimization and Applications Seminar

## Prof. Dr. Cordian Riener (Universität Konstanz)

Bounding hard problems with semi-definite programming using symmetries

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

## Universität Bern

Mathematisches Kolloquium

## Prof. Dr. Andre Geim (University of Manchester, UK)

Einstein Lectures

17:15 • Universität Bern, 3012 Bern, Aula im Hauptgebäude

## Tuesday, October 30

## Université de Genève

Lie groups and moduli spaces

## Xin Nie (Université de Genève)

The Quasi-Hamiltonian Goldman formula

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

## EPF Lausanne

Séminaire d'Algèbre et de Théorie des Nombres

## Dimitar Jetchev (EPF Lausanne)

Title T.B.A.

15:15 • EPF Lausanne, Salle MA 31

## Université de Genève

Séminaire Théorie des Nœuds

## Ivan Contreras (Universität Zürich)

Relational symplectic groupoids

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

**Universität Bern**

*Mathematisches Kolloquium*

**Prof. Dr. Andre Geim (University of Manchester, UK)**

Einstein Lectures

17:15 • Universität Bern, 3012 Bern, Aula im Hauptgebäude

### Wednesday, October 31

**Universität Bern**

*Institute Seminar*

**Lutz Dümbgen & Petro Kolesnyk (Universität Bern)**

Bi-Log-Concave Distribution Functions and Confidence Bands

11:00 • Universität Bern, Alpeneggstr. 22, Room 203

**ETH Zürich**

*Geometry Seminar*

**Goulnara Arzhantseva (Universität Wien)**

Title T.B.A.

15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

**ETH Zürich**

*Colloquium in Applied and Numerical Mathematics*

**Prof. Dr. Magnus Svard (University of Bergen, Norway)**

Title T.B.A.

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2

**EPF Lausanne**

*Computational Science and Engineering*

**Prof. Dr. Anthony Nouy (Ecole Centrale de Nantes, France)**

Tensor-based numerical methods for the optimal model reduction of high-dimensional problems

16:15 • EPF Lausanne, Salle GC A3 30

**ETH Zürich**

*Seminar on Stochastic Processes*

**Pierre Tarrès (University of Oxford)**

Edge reinforced random walks, Vertex reinforced jump process, and the SuSy hyperbolic sigma model

17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

**Universität Bern**

*Mathematisches Kolloquium*

**Prof. Dr. Andre Geim (University of Manchester, UK)**

Einstein Lectures

17:15 • Universität Bern, 3012 Bern, Aula im Hauptgebäude

### Thursday, November 1

**Université de Neuchâtel**

*Neuchatel Probability Seminar*

**Mireille Crelier (Université de Neuchâtel)**

Title T.B.A.

10:00 • Université de Neuchâtel, Institut de mathématiques, rue Emile Argand 11, Neuchâtel, Salle B217 (2ème étage)

**EPF Lausanne**

*Séminaire Centre Interfacultaire Bernoulli*

**Peter Jossen (Université Paris Sud 11)**

Periods over complex function fields

11:15 • EPF Lausanne, SB-CIB, Station 15, Auditoire AAC 0 06

**ETH Zürich**

*Talks in Mathematical Physics*

**Yuri Berest (Cornell University, USA)**

Topics in noncommutative geometry (FIM Minicourse) 3/5

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

**Universität Zürich**

*Seminar in Partial Differential Equations and Numerics*

**Prof. Dr. Nick Trefethen (University of Oxford)**

Speeding up numerical methods via conformal maps

16:00 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

**ETH Zürich**

*ZüKoSt Zürcher Kolloquium über Statistik*

**Oliver Sander (Novartis Basel)**

Non-linear mixed effects models in drug development

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

**Universität Zürich**

*Seminar on Stochastic Processes*

**Vladas Sidoravicius (IMPA, Rio de Janeiro)**

Special Minicourse: Scheduling of random walks, Lipschitz embeddings and rough isometries of random sequences. Part II

17:15 • UZH Irchel, Building 27, Room H 46

**Universität Zürich**

*Workshop in Analysis*

**Prof. Dr. Mykola Ivanchov (Ivan Franko National University of Lviv)**

Inverse and free boundary problems for parabolic equations

17:15 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

## Friday, November 2

**Universität Zürich**

*Talks in Mathematical Physics*

**Marco Zambon (Universidad Autonoma de Madrid, ICMAT)**

Homotopy moment maps

10:15 • UZH Irchel, Building 27, Room H 28

**Universität Basel**

*Seminar in Numerical Analysis*

**Dominik Schötzau (University of British Columbia)**

A mixed finite element method with exactly divergence-free velocities for incompressible magnetohydrodynamics

11:00 • Universität Basel, Mathematisches Institut, Rheinsprung 21, 4051 Basel, Grosser Hörsaal

**EPF Lausanne**

*Séminaire de Topologie*

**Michael Schlessinger (UNC-Chapel Hill, USA)**

Moduli of rational homotopy types

14:15 • EPF Lausanne, Salle MA 10

**EPF Lausanne**

*Statistics Seminar*

**Prof. Dr. Aleksandra Slavkovic (Penn State University)**

Private Analysis of Social Networks

15:15 • EPF Lausanne, Salle CM 1100

## Special Announcements

**Workshop: Journées de Géométrie Hyperbolique**

University of Fribourg

November 20-21, 2012

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

address: Marianne Pfister, Departement Mathematik, ETH Zürich, Rämistrasse 101, CH-8092 Zürich  
email: [smg@math.ethz.ch](mailto:smg@math.ethz.ch) | fax: +41 44 632 1085 | phone: +41 44 632 5615 | url: <http://www.math.ch>

