

## Monday, November 10

## Universität Zürich

Dr. Dennis Eriksson (Chalmers University)

Title T.B.A.

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

Advanced Seminar in Algebraic Geometry

## EPF Lausanne

Erik Carlsson (ICTP Trieste)

Title T.B.A.

15:15 • EPF Lausanne, Salle MA A3 31

Geometry Seminar EPFL

## Universität Bern

Prof. Dr. Paul Biran

Lagrangian Topology

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

Mathematisches Kolloquium

## Tuesday, November 11

## ETH Zürich

Prof. Dr. Alessio Figalli (The University of Texas at Austin)

The Monge-Ampère equation and its applications

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

Nachdiplomvorlesung

## ETH Zürich

Prof. Dr. Tom Hurd (McMaster University)

Mathematics of Financial Systemic Risk

10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

Nachdiplomvorlesung

## Université de Genève

Bruno Duchesne (Institut Elie Cartan de Lorraine)

Sous-groupes aléatoires invariants et moyennables

10:30 • Université de Genève, Salle 623

Groupes et Géométrie

## EPF Lausanne

Maria Victoria Rivas Lopez (Universidad Complutense Madrid)

The application of Quality Control Risk Measure (QCRM) to Solvency II and ORSA (Own Risk Solvency Assessment): A practical vision

11:00 • EPF Lausanne, Extranef, Salle 109

Talks in Mathematical Finance

## ETH Zürich

Prof. Dr. Gitta Kutyniok (Technische Universität Berlin)

Applied Harmonic Analysis meets Compressed Sensing

13:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

Nachdiplomvorlesung

## ETH Zürich

Simon Blatt (Universität Karlsruhe)

Title T.B.A.

14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Analysis Seminar

## ETH Zürich

Dana Mendelson (MIT)

Local nonsqueezing for the cubic nonlinear Klein-Gordon equation on  $\mathbb{T}^3$ 

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

Analysis Seminar

**Universität Fribourg**

*Colloquium*

**Prof. Dr. Davide Vittone (Università di Padova)**

The regularity problem for sub-Riemannian geodesics

17:15 • Universität Fribourg, Hörsaal 2.52, Physikgebäude, 1700 Fribourg

**Wednesday, November 12**

**ETH Zürich**

*ITS Informal Analytic Number Theory Seminar*

**Prof. Dr. Özlem Imamoglu (ETH Zürich, Switzerland)**

Title T.B.A.

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

**Universität Fribourg**

*Oberseminar Geometrie*

**Rafael Guglielmetti & Matthieu Jacquemet (Fribourg)**

Groupes et polyèdres de Coxeter hyperboliques: invariants et commensurabilité

10:20 • Universität Fribourg, Math II Lonza seminar room

**ETH Zürich**

*Talks in Mathematical Physics*

**Ivan Cherednik (UNC Chapel Hill)**

DAHA superpolynomials of iterated torus knots

13:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

**ETH Zürich**

*Algebraic Geometry and Moduli Seminar*

**Christoph Schiessl (ETH Zürich)**

Title T.B.A.

14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2

**ETH Zürich**

*Seminar on Stochastic Processes*

**Daisuke Shiraishi (University of Kyoto)**

Growth exponent for loop-erased random walk in three dimensions

15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2

**EPF Lausanne**

*Séminaire d'Algèbre et de Théorie des Nombres*

**Dr. Pankaj Vishe (University of York, UK)**

Cubic hypersurfaces over global fields

15:15 • EPF Lausanne, Salle MA 30

**ETH Zürich**

*Geometry Seminar*

**Andrea Mondino (ETH Zürich)**

Title T.B.A.

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

**Université de Genève**

*Séminaire de Mathématique Physique*

**Patrik Ferrari (Universität Bonn)**

Free energy fluctuations for directed polymers in 1+1 dimension

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

**Universität Basel**

*Seminar in Analysis*

**Frédéric Robert (Université de Lorraine)**

Title T.B.A.

16:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Kleiner Hörsaal

**Universität Basel**

*Das Basler Kolloquium für Mathematiklerpersonen*

**Prof. Dr. Thomas Heim (FHNW / HT Windisch)**

Kalenderrechnung: Was tun, wenns am Ende nicht aufgeht?

17:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, 4051 Basel, Grosser Hörsaal

**ETH Zürich**

**Prof. em. Dr. Hans-Rudolf Künsch (ETH Zürich, Switzerland)**

Welch ein Zufall!

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

*Farewell Lectures*

**Thursday, November 13**

**EPF Lausanne**

**Iulian Simion (Università di Padova)**

Groups equal to a product of three conjugate proper subgroups

10:15 • EPF Lausanne, Salle MA A3 30

*Group Theory Seminar*

**ETH Zürich**

**Ivan Cherednik (UNC Chapel Hill)**

Global hypergeometric and Whittaker functions

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

*Talks in Mathematical Physics*

**ETH Zürich**

**Dr. Paul Krühner (Technische Universität Dortmund)**

On finite dimensional approximation of infinite dimensional forward price models

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

*Talks in Financial and Insurance Mathematics*

**Universität Zürich**

**Dr. Hoai Minh Nguyen (EPFL)**

Complementary media, cloaking using complementary media and related problems

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

*Workshop in Analysis*

**Universität Zürich**

**Prof. Dr. Sergio Conti (Universität Bonn)**

[Video Seminar] Relaxation in nonlinear elasticity

18:10 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36

*Seminar in Partial Differential Equations*

**Friday, November 14**

**Universität Basel**

**Immanuel Stampfli (Jacobs Universität Bremen)**

Holomorphically Equivalent Algebraic Embeddings

10:30 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Kleiner Hörsaal

*Seminar Algebra & Geometrie*

**Universität Basel**

**Wolfgang Wendland (Universität Stuttgart)**

Minimal energy problems with hypersingular Riesz potentials

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

*Seminar in Numerical Analysis*

**EPF Lausanne**

**Pedro Fonseca (Systemorph AG, Zürich)**

Taming Your Data: a Practitioner's Viewpoint

14:00 • EPF Lausanne, Internet, Salle 122

*Talks in Mathematical Finance*

**ETH Zürich**

**Jürg Kramer (Humboldt Universität zu Berlin)**

Sup-norm bounds of automorphic forms

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

*Number Theory Seminar*

**EPF Lausanne**

**Marc Stephan (EPF Lausanne)**

Title T.B.A.

14:15 • EPF Lausanne, Salle MA 30

*Séminaire de Topologie*

**ETH Zürich**

*Statistics Research Seminar*

**Harrison Zhou (Yale University, New Haven, CT)**

Sparse Canonical Correlation Analysis: Minimality and Adaptivity

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

**EPF Lausanne**

*Séminaire d'Analyse*

**Dr. Mahir Hadzic (King's College, UK)**

Title T.B.A.

15:15 • EPF Lausanne, Salle MA A3 31

**ETH Zürich**

*Algebraic Geometry and Moduli Seminar*

**Dr. Benjamin Bakker (Humboldt Universität Berlin)**

Bounding torsion in geometric families of abelian varieties

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

**ETH Zürich**

*Algebraic Geometry and Moduli Seminar*

**Prof. Dr. Jim Bryan (UBC Vancouver)**

Donaldson-Thomas theory of local elliptic surfaces via the topological vertex

17:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

## Special Announcements

### Ludwig Schläfli Bicentennial Lectures

University of Bern

November 17, 2014

[http://www.math-stat.unibe.ch/unibe/philnat/math-stat/content/e8055/e8064/e483739/e483905/e562024/SchlaefliLecture2014\\_ger.pdf](http://www.math-stat.unibe.ch/unibe/philnat/math-stat/content/e8055/e8064/e483739/e483905/e562024/SchlaefliLecture2014_ger.pdf)

### 50 Years of Statistics at ETH Zürich

ETH Zürich

November 24-25, 2014

[https://stat.ethz.ch/events/50\\_Years\\_Statistics](https://stat.ethz.ch/events/50_Years_Statistics)

### Expanders Everywhere!

University of Neuchâtel

December 1-5, 2014

<https://sites.google.com/site/expanderseverywhere/>

### Farewell Lecture

Hans-Christoph Im Hof

Basel, December 12, 2014

[https://math.unibas.ch/fileadmin/mathe/redaktion/Bilder/Interne\\_Anlaesse/Abschied\\_Im\\_Hof/Abschiedsvorlesung.pdf](https://math.unibas.ch/fileadmin/mathe/redaktion/Bilder/Interne_Anlaesse/Abschied_Im_Hof/Abschiedsvorlesung.pdf)

### Rigi-Workshop 2015

*Mathematical and Computational Modeling in Life Sciences*

Rigi-Kulm

January 18-20, 2015

<http://biologie.scnat.ch/rigi-workshop/>