

## Monday, May 21

## Universität Zürich

*Advanced Seminar in Algebraic Geometry***Prof. Dr. Yuri Tschinkel (Courant Institute of Mathematical Sciences, New York University)**

Unramified cohomology

13:15 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 28

## ETH Zürich

*Symplectic Geometry Seminar***Dr. Ana Cannas da Silva (ETH Zürich)****Dr. Meike Akveld (ETH Zürich, Switzerland)**

Lagrangian correspondences - a toric case study

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

## Université de Genève

*Séminaire de Mathématique Physique***Alain-Sol Sznitman (ETH Zürich)**

On Gaussian free fields and random interlacements

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

## ETH Zürich

*Optimization and Applications Seminar*

No Seminar in favor of the Farewell Lecture of Hans-Jakob Lüthi

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

## ETH Zürich

*Farewell Lectures***Prof. Dr. Hans-Jakob Lüthi (ETH Zurich, Switzerland)**

Ausgerechnet Operations Research

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

## Universität Bern

*Mathematisches Kolloquium***Prof. Dr. Martino Bardi (Università di Padova)**

Differential games and the associated PDE

17:15 • Universität Bern, Sidlerstrasse 5, ExWi, Room B 78

## Tuesday, May 22

## Université de Genève

*Groupes et Géométrie***Laurent Vuillon (Université de Savoie)**

Pavages, polytopes et polycubes

10:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

## EPF Lausanne

*Group Theory Seminar***Antonio Diaz (Universität Malaga, Spanien)**

A spectral sequence for fusion systems

10:15 • EPF Lausanne, Salle MA A3 31

## EPF Lausanne

*Mini Course CIB***Anne Millet (Université Paris 1)**

On numerical approximations of some SPDEs. Part 1

10:15 • EPF Lausanne, SB-CIB, Station 15, Auditoire AAC006

## Université de Neuchâtel

*Groups and analysis***Kate Juschenko (EPF Lausanne)**

Cantor systems, piecewise translations and simple amenable groups

11:00 • Université de Neuchâtel, Rue Emile Argand 11, Auditoire E213

<p><b>ETH Zürich</b>  <b>Prof. Dr. Gianluca Crippa (Universität Basel)</b>  Two uniqueness results for the two-dimensional continuity equation with velocity having <math>L^1</math> or measure curl  15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Analysis Seminar</i>
<p><b>Université de Genève</b>  <b>Kevin Santugini (Université de Bordeaux, France)</b>  Espaces grossiers discontinus pour les méthodes de décomposition de domaines  15:15 • Université de Genève, Section Mathématique, salle 623</p>	<i>Séminaire d'Analyse Numérique</i>
<p><b>Universität Zürich</b>  <b>Brendan Hassett (Rice University, Houston, TX, USA)</b>  Fibrations in rational surfaces and their sections  17:15 • UZH Zentrum, Building KO2, Room F 150</p>	<i>Zurich Colloquium in Mathematics</i>
<p><b>Universität Fribourg</b>  <b>Christopher Judge (University of Indiana, USA)</b>  The music of friangles  17:15 • Universität Fribourg, Departement für Mathematik, chemin du musée 3, 1700 Fribourg, room 2.52 (Physikgebäude)</p>	<i>Colloquium</i>
<b>Wednesday, May 23</b>	
<p><b>Universität de Fribourg</b>  <b>Michel Matter (Université de Genève)</b>  Title T.B.A.  10:20 • Université de Fribourg, Seminarraum Mathematik II (Lonza Gebäude)</p>	<i>Oberseminar Geometrie</i>
<p><b>Universität Bern</b>  <b>Clément Chevalier (Universität Bern)</b>  Quantifying and reducing uncertainties on an excursion set  11:00 • Universität Bern, Alpeneggstr. 22, Room 203</p>	<i>Institute Seminar</i>
<p><b>Université de Neuchâtel</b>  <b>Prof. Dr. Jean Bricmont (UC Louvain-la-Neuve, France)</b>  Peut-on comprendre la mécanique quantique?  14:00 • Université de Neuchâtel, Rue Emile Argand 11, Auditoire E213</p>	<i>Séminaire de Probabilité</i>
<p><b>Universität Basel</b>  <b>Luca Martinazzi (Rutgers University, USA)</b>  The Moser-Trudinger equation on a disk: blow-up behavior and non-existence  15:00 • Universität Basel, Mathematisches Institut, Rheinsprung 21, 4051 Basel, Grosser Hörsaal</p>	<i>Seminar in Analysis</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Victor Nistor (Penn State University, USA)</b>  Boundary value problems on polyhedral domains and applications to quasi-optimal rates for the Finite Element Method  16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2</p>	<i>Colloquium in Applied and Numerical Mathematics</i>
<p><b>Université de Neuchâtel</b>  <b>Valerio Vassallo (Université de Lille 1 et Cité des Géométries)</b>  Le regard du géomètre dans sa cuisine  16:15 • Université de Neuchâtel, Rue Emile Argand 11, Aula Unimail, F0100</p>	<i>Séminaire Mathématiques et Société</i>
<p><b>EPF Lausanne</b>  <b>Prof. Dr. Helmut Harbrecht (Universität Basel)</b>  Shape variations in optimization and verification  16:15 • EPF Lausanne, Salle MA A1 12</p>	<i>Computational Science and Engineering</i>
<p><b>Universität Zürich</b>  <b>Joaquin Fontbona (University of Santiago de Chile)</b>  A trajectorial interpretation of entropy dissipation and a non-intrinsic Bakry-Emery criterion  17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<i>Seminar on Stochastic Processes</i>

## Thursday, May 24

**EPF Lausanne**

**Thomas Barthelmé (Université de Neuchâtel & Strasbourg)**

A natural Finsler-Laplace operator

13:15 • EPF Lausanne, Salle MA 12

*Ergodic and Geometry Group Theory*

**Université de Neuchâtel**

**Soyoung Moon (Université de Bourgogne, France)**

Actions hautement transitives des produits libres

14:00 • Université de Neuchâtel, Rue Emile Argand 11, Auditoire B217

*Groups and analysis*

**Université de Genève**

**Dorothy Buck (Imperial College, London)**

The classification of Rational SubTangle Adjacencies, with Applications to Complex Nucleoprotein Assemblies

14:15 • Université de Genève, Section Mathématiques 2-4 rue du Lièvre, salle 17

*Séminaire Théorie des Nœuds*

**Universität Basel**

**Marc Hindry (Université Paris 7)**

On the number of torsion points on an abelian varieties over number fields

14:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, 4051 Basel, Grosser Hörsaal

*Seminar Zahlentheorie*

**ETH Zürich**

**Alexander Veselov (Loughborough University, UK)**

Universality in Lie algebras and Chern-Simons theory

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

*Talks in Mathematical Physics*

**Universität Zürich**

**Prof. Dr. Giovanni Monegato (Politecnico di Torino)**

A space-time boundary integral equation approach for the numerical solution of exterior wave equation problems

16:00 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12

*Seminar in Partial Differential Equations and Numerics*

**EPF Lausanne**

**Prof. Dr. Hans Föllmer (Humboldt Universität Berlin)**

Bubbles, risk, and Knightian uncertainty: On the role of probability in finance

16:30 • EPF Lausanne, Salle MA 11

*Bernoulli Lectures*

**ETH Zürich**

**Prof. Dr. Xunyu Zhou (University of Oxford)**

Arrow-Debreu Equilibria for Rank-Dependent Utilities

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

*Talks in Financial and Insurance Mathematics*

## Friday, May 25

**Universität Basel**

**Wolfgang Bangerth (Texas A&M University, USA)**

Numerics for Inverse Problems in Biomedical Imaging

09:00 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal

*Seminar in Numerical Analysis*

**EPF Lausanne**

**Viorel Barbu (IASI, Academy of Sciences, Rumänien)**

Stochastic porous media equations. Part 1

10:15 • EPF Lausanne, SB-CIB, Station 15, Auditoire AAC006

*Mini Course CIB*

**Universität Basel**

**Milena Hering (University of Connecticut)**

Title T.B.A.

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

*Seminar Algebra & Geometrie*

**ETH Zürich**

**Dr. Guillaume Ricotta (ETH Zurich)**

Bounding sup norms of automorphic forms

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

*Number Theory Seminar*

**EPF Lausanne**

**Prof. Dr. Laura Sangalli (Politecnico di Milano)**

Title T.B.A.

15:15 • EPF Lausanne, room: t.b.a.

*Statistics Seminar*

### **Special Announcements**

#### **Spring Meeting 2012 of the Swiss Mathematical Society**

Groups, Representation Theory and Related Topics

EPFL, June 11-15, 2012

<http://yam.epfl.ch/>

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