

**Monday, May 21***No events scheduled today!***Tuesday, May 22****EPF Lausanne****Ivo Dell'Ambrogio (Université de Lille)**

Title T.B.A.

10:15 • EPF Lausanne, Salle CM 1 113

*Séminaire de Topologie***Universität Basel****Andriy Regeta (Universität Köln)**

Automorphism groups of Danielewski surfaces

10:30 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, fifth floor

*Seminar Algebra & Geometrie***EPF Lausanne****Andrea Fanelli (Universität Düsseldorf)**

Del Pezzo fibrations in positive characteristic

13:45 • EPF Lausanne, Salle MA A1 12

*Séminaire d'Algèbre et de Théorie des Nombres***Université de Genève****Michal Outrata (Charles University, Prag)**

Data-sparse incomplete Cholesky factorization

14:00 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

*Séminaire d'Analyse Numérique***ETH Zürich****Prof. Dr. David Jerison (Massachusetts Institute of Technology)**

Title T.B.A.

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

*Analysis Seminar***Universität Zürich****Kasia Rejzner (University of York)**

BV quantization in perturbative algebraic quantum field theory: recent results and perspectives

15:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room G 28

*Talks in Mathematical Physics***EPF Lausanne****Prof. Dr. Bruno Sudret (ETH Zürich)**

Surrogate modelling for uncertainty quantification in engineering applications

16:15 • EPF Lausanne, Salle MA A3 31

*Seminar of Numerical Analysis***Universität Bern****Prof. Dr. Gene Freudenberg (University of Michigan)**

Title T.B.A.

17:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, ExWi B78

*Mathematisches Kolloquium***Université de Fribourg****Prof. Dr. Stéphane Loisel (ISFA Lyon)**

Reevaluation of the capital charge in insurance after a large shock: empirical and theoretical views

17:15 • Université de Fribourg, room Phys 2.52

*Colloquium***Wednesday, May 23****ETH Zürich****Prof. Dr. Boris Hasselblatt (Tufts University)**

Hyperbolic flows

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

*Nachdiplomvorlesung*

<p><b>ETH Zürich</b>  <b>PD Dr. Thorsten Weist (Universität Wuppertal)</b>  Homological invariants of quiver moduli spaces  13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Algebraic Geometry and Moduli Seminar</i>
<p><b>Université de Genève</b>  <b>Michèle Vergne (IMJ-PRG, Paris)</b>  Moment map, generalized Horn inequalities and quivers  15:00 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge</p>	<i>Lie groups and moduli spaces</i>
<p><b>EPF Lausanne</b>  <b>Fabian Dehnert (Universität Göttingen)</b>  Title T.B.A.  16:15 • EPF Lausanne, Salle MA A1 10</p>	<i>Séminaire d'Algèbre et de Théorie des Nombres</i>
<p><b>Universität Zürich</b>  <b>Prof. Dr. Markus Bachmayr (Institut für Numerische Simulation, Universität Bonn)</b>  Stability of Low-Rank Tensor Representations and Structured Multilevel Preconditioning for Elliptic PDEs  16:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<i>Zurich Colloquium in Applied and Computational Mathematics</i>
<p><b>Universität Basel</b>  <b>Laura Spinolo (CNR Pavia)</b>  Title T.B.A.  16:15 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 1, Room 00.003</p>	<i>Seminar in Analysis</i>
<p><b>Universität Zürich</b>  <b>David Belius (Universität Zürich)</b>  TAP-Plefka variational principle for mean field spin glasses  17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12</p>	<i>Seminar on Stochastic Processes</i>
<b>Thursday, May 24</b>	
<p><b>Universität Basel</b>  <b>Silvia Ligabue (Universität Basel)</b>  Title T.B.A.  12:15 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Room 00.003</p>	<i>Bernoullis Tafelrunde</i>
<p><b>EPF Lausanne</b>  <b>Prof. Dr. Philippe Rigollet (MIT)</b>  Learning determinantal point processes  15:15 • EPF Lausanne, Salle MA 10</p>	<i>Statistics Seminar</i>
<p><b>Université de Genève</b>  <b>Anne-Laure Thiel (Universität Stuttgart)</b>  Action catégorique du groupe de tresses du cylindre  16:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17</p>	<i>Séminaire de Topologie et Géométrie</i>
<p><b>ETH Zürich</b>  <b>Donatien Hainaut (UC Louvain)</b>  A Self-Organizing Predictive Map for Non-Life Insurance  17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Talks in Financial and Insurance Mathematics</i>
<p><b>Universität Zürich</b>  <b>Prof. Dr. Boris Hasselblatt (Tufts University)</b>  New contact flows on 3-manifolds  18:10 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36</p>	<i>PDE and Mathematical Physics</i>

**Friday, May 25**

**ETH Zürich**

**Barry Simon (California Institute of Technology)**

Tales of Our Forefathers

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

*Talks in Mathematical Physics*

**ETH Zürich**

**Prof. Dr. Ludger Rüschendorf (Albert-Ludwigs-Universität Freiburg)**

Dependence, Risk Bounds and Optimal Portfolios

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

*Nachdiplomvorlesung*

**EPF Lausanne**

**Andrew B. Abel (University of Pennsylvania)**

Title T.B.A.

10:30 • EPF Lausanne, Quartier UNIL - Dorigny, Salle Extranef 126

*Talks in Mathematical Finance*

**Universität Basel**

**Ludovic Métivier (Université Grenoble Alpes)**

Optimal transport in seismic imaging based on full waveform inversion

11:30 • Universität Basel, Mathematisches Institut, Spiegelgasse 1, 4051 Basel, Raum 00.003

*Seminar in Numerical Analysis*

**Universität Bern**

**Roger Züst (Universität Bern)**

Functions of bounded fractional variation and fractal currents

14:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Room B 13

*Geometric Analysis Seminar*

**EPF Lausanne**

**Prof. Dr. Bodgan Matic (Universität Regensburg)**

Title T.B.A.

14:15 • EPF Lausanne, Salle MA A1 12

*Séminaire d'Analyse*

**ETH Zürich**

**Fabio Sigrist (Hochschule Luzern)**

Default prediction using a tree-boosted Tobit model

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

*ZüKoSt Zürcher Kolloquium über Statistik*

**ETH Zürich**

**Dr. Grégoire Menet (Université de Bourgogne )**

Global Torelli theorem for irreducible symplectic orbifolds

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

*Algebraic Geometry and Moduli Seminar*

## Special Announcements

### Number Theory Days 2018

University of Basel

June 1-2, 2018

<https://numbertheory.dmi.unibas.ch/NTD2018/>

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

