

**Monday, December 10****ETH Zürich***Algebra, Combinatorics and Topology Seminar***Roberto Frigerio (Università di Pisa)**

The simplicial volume of 3-manifolds with boundary

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

**Universität Zürich***Advanced Seminar in Algebraic Geometry***Dr. Peter Scheiblechner (Lucerne University of Applied Sciences and Arts)**

Effective de Rham Cohomology

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

**ETH Zürich***Algebra, Combinatorics and Topology Seminar***Theo Bühler (ETH Zürich)**

On Gromov's vanishing theorem in bounded cohomology

14:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2

**ETH Zürich***Statistics Research Seminar***Andreas Buja (The Wharton School, University of Pennsylvania)**

Valid Post-Selection Inference

15:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

**ETH Zürich***Symplectic Geometry Seminar***Michael Hutchings (UC Berkeley)**

Title T.B.A.

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

**Université de Genève***Séminaire de Mathématique Physique***Anthony Amays (University of Melbourne)**

A geometrical triumvirate of (non-Hermitian) random matrices

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

**ETH Zürich***Inaugural Lectures***Prof. Dr. Philipp Grohs (ETH Zürich, Switzerland)**

Multiskalenanalyse: Die Suche nach der richtigen Diskretisierung

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

**Universität Bern***Mathematisches Kolloquium***Prof. Dr. Albrecht Böttcher (TU Chemnitz)**

Ludwig Schläfli Lecture / Two projections and the beauties of the Cauchy singular integral

17:15 • Universität Bern, Sidlerstrasse 5, 3012 Bern, ExWi B7

**Universität Zürich***Seminar in Partial Differential Equations***Prof. Dr. Eduard Feireisl (Charles University)**

Title T.B.A.

17:15 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12

**Tuesday, December 11****Université de Neuchâtel***Swiss Doctoral Program in Mathematics***Michel Benaïm & Ioana Ciotir (Université de Neuchâtel)**

Mouvement Brownien et Equations Différentielles stochastiques

10:00 • Université de Neuchâtel, Rue Emile Argand 11, salle A218

<p><b>ETH Zürich</b>  <b>Jacob Bernstein (University of Cambridge)</b>  A curious variational property of classical minimal surfaces  15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Analysis Seminar</i></p>
<p><b>Wednesday, December 12</b></p>	
<p><b>Universität Fribourg</b>  <b>Lionel Pournin (Université de Paris)</b>  Title T.B.A.  10:20 • Universität Fribourg, Departement für Mathematik, chemin du musée 23, 1700 Fribourg, Math II Lonza</p>	<p><i>Oberseminar Geometrie</i></p>
<p><b>Universität Bern</b>  <b>Salome Lüdi (Universität Bern)</b>  On Stream Ciphers and their Secrecy - An Analysis on Grain  11:00 • Universität Bern, Alpeneggstr. 22, Room 203</p>	<p><i>Institute Seminar</i></p>
<p><b>Universität Basel</b>  <b>Camillo de Lellis (Universität Zürich)</b>  Title T.B.A.  15:00 • Universität Basel, Mathematisches Institut, Rheinsprung 21, 4051 Basel, Grosser Hörsaal</p>	<p><i>Seminar in Analysis</i></p>
<p><b>ETH Zürich</b>  <b>Pablo Suárez-Serrato (UNAM, Mexico)</b>  On the minimal volume of higher graph manifolds  15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Geometry Seminar</i></p>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Thorsten Hohage (Universität Göttingen)</b>  Title T.B.A.  16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2</p>	<p><i>Colloquium in Applied and Numerical Mathematics</i></p>
<p><b>EPF Lausanne</b>  <b>Dr. Sebastian Boyaval (Ecole Nationale des Ponts et Chaussées, France)</b>  A new model for shallow viscoelastic fluids  16:15 • EPF Lausanne, Salle GC A3 30</p>	<p><i>Computational Science and Engineering</i></p>
<p><b>ETH Zürich</b>  <b>Steffen Rohde (University of Washington)</b>  Conformal geometry and random 2d structures  17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Seminar on Stochastic Processes</i></p>
<p><b>Thursday, December 13</b></p>	
<p><b>Université de Neuchâtel</b>  <b>Bastien Marmet (Université de Neuchâtel)</b>  Title T.B.A.  13:00 • Université de Neuchâtel, Institut de mathématiques, rue Emile Argand 11, Neuchâtel, Salle B217 (2ème étage)</p>	<p><i>Neuchatel Probability Seminar</i></p>
<p><b>ETH Zürich</b>  <b>Iakovos Androulidakis (University of Athens)</b>  Singular foliations and their holonomy  15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Talks in Mathematical Physics</i></p>
<p><b>EPF Lausanne</b>  <b>Grigory Mikhalkin (Université de Genève)</b>  Tropical curves and their phases: from face to edge models  15:15 • EPF Lausanne, Salle CM 1 100</p>	<p><i>Geometry Seminar EPFL</i></p>

**ETH Zürich**

*Talks in Financial and Insurance Mathematics*

**Prof. Dr. Xunyu Zhou (Oxford/CUHK)**

The Equity Premium and Risk-Free Rate Puzzles: Perspective from Rank-Dependent Utility Theory

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

**EPF Lausanne**

*Bernoulli Lectures*

**Raman Parimala (Emory University, Atlanta, USA)**

Bernoulli Lecture III - Invariants of quadratic forms

17:15 • EPF Lausanne, Salle CM5

**Friday, December 14**

**Université de Fribourg**

*Oberseminar Topologie*

**Michael Wiemeler (Universität Karlsruhe)**

Circle actions and scalar curvature

10:30 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room

**Universität Basel**

*Seminar Algebra & Geometrie*

**Ronan Terpereau (Université Joseph Fourier, Grenoble)**

Invariant Hilbert schemes and resolutions of quotient singularities

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

**Universität Basel**

*Seminar in Numerical Analysis*

**Ulrich Römer (TU Darmstadt)**

Title T.B.A.

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

**ETH Zürich**

*Number Theory Seminar*

**Michael Rapoport (Universität Bonn)**

Title T.B.A.

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

**EPF Lausanne**

*Séminaire de Topologie*

**Greg Arone (University of Virginia)**

Title T.B.A.

14:15 • EPF Lausanne, Salle MA 10

**ETH Zürich**

*Statistics Research Seminar*

**Mohamed Hebiri (Université Paris-Est Marne-la-Vallée)**

Learning heteroscedastic models via SOCP under group sparsity

14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

**EPF Lausanne**

*Séminaire d'Analyse*

**Prof. Dr. Mats Ehrnström (Norwegian University of Science and Technology)**

Title T.B.A.

15:15 • EPF Lausanne, Salle MA 30

**ETH Zürich**

*Algebraic Geometry and Moduli Seminar*

**Prof. Dr. Daniel Huybrechts (Universität Bonn)**

Cycles on K3 surfaces

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

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