

**Monday, May 22****ETH Zürich****Prof. Dr. Richard Schoen (University of California, Irvine)**

Topics in scalar curvature

09:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

*Nachdiplomvorlesung***EPF Lausanne**

School and Workshop on Dynamical Models in Finance

09:15 • EPF Lausanne, Salle BI A0 448

*Workshop CIB***Universität Zürich****Prof. Dr. Gerard Freixas Montplet (Institut de Mathématiques de Jussieu)**

Families of curves, flat line bundles and reciprocity laws.

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

*Oberseminar: Algebraische Geometrie***Université de Genève****Itai Benjamini (University of Jerusalem)**

Title T.B.A.

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

*Séminaire de Mathématique Physique***ETH Zürich****Paolo Guasoni (Dublin City University)**

Optimal Consumption and Investment with Healthcare Spending

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

*Talks in Financial and Insurance Mathematics***Université de Fribourg****Daniel Luckhardt (Universität Göttingen)**

Benjamini-Schramm convergence of normalized characteristic numbers

16:00 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room

*Oberseminar Topologie***Universität Bern****Prof. Dr. Lizhen Ji (University of Michigan, Ann Arbor)**

Bernhard Riemann and his moduli space

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

*Mathematisches Kolloquium***ETH Zürich****Prof. Dr. Stefan Hell (MPI Göttingen & Heidelberg)**

Lecture 1: How I Got to Break the Diffraction Barrier of Optical Microscopy

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

*Wolfgang Pauli Lectures***Tuesday, May 23****EPF Lausanne**

School and Workshop on Dynamical Models in Finance

09:15 • EPF Lausanne, Salle BI A0 448

*Workshop CIB***Université de Neuchâtel****Nathalie Aubrun (ENS Lyon)**

Aperiodic subshifts on finitely generated groups

11:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile - Argand 11, Auditoire B217

*Groups and analysis***Université de Genève****Sylvain Calinon (Idiap Research Institute)**

Title T.B.A.

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

*Séminaire d'Analyse Numérique*

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| <p><b>EPF Lausanne</b><br/> <b>Kevin Destagnol (Université Paris Diderot-Paris 7)</b><br/>         Title T.B.A.<br/>         14:15 • EPF Lausanne, Salle CH B3 31</p>  | <p><i>Séminaire d'Algèbre et de Théorie des Nombres</i></p> |
| <p><b>ETH Zürich</b><br/> <b>Prof. Dr. Walter Craig (McMaster University)</b><br/>         Vortex filament dynamics<br/>         15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>  | <p><i>Analysis Seminar</i></p>                              |
| <p><b>Université de Genève</b><br/> <b>Boris Tsygan (Northwestern University and Université de Genève)</b><br/>         Microlocal category of a symplectic manifold<br/>         16:30 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge</p> | <p><i>Lie groups and moduli spaces</i></p>                  |
| <p><b>ETH Zürich</b><br/> <b>Prof. Dr. Stefan Hell (MPI Göttingen &amp; Heidelberg)</b><br/>         Lecture 2: Nanoscopy with Focused Light<br/>         17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room F 30</p>                                 | <p><i>Wolfgang Pauli Lectures</i></p>                       |

**Wednesday, May 24**

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| <p><b>EPF Lausanne</b><br/>         School and Workshop on Dynamical Models in Finance<br/>         09:15 • EPF Lausanne, Salle BI A0 448</p>  | <p><i>Workshop CIB</i></p>   |
| <p><b>Universität Bern</b><br/> <b>Hernando Sobrino &amp; Roger Züst (Universität Bern)</b><br/>         Title T.B.A.<br/>         10:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Room B13</p>  | <p><i>Geometric Analysis Seminar</i></p>                                 |
| <p><b>ETH Zürich</b><br/> <b>Prof. Dr. Eitan Tadmor (University of Maryland &amp; ETH-ITS)</b><br/>         Self-organized dynamics. From emerging consensus to hydrodynamic flocking<br/>         10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>                                    | <p><i>Nachdiplomvorlesung</i></p>  |
| <p><b>ETH Zürich</b><br/> <b>Prof. Dr. Stefan Hell (MPI Göttingen &amp; Heidelberg)</b><br/>         Lecture 3: Optical Nanoscopy: Concepts and Recent Advances<br/>         15:30 • ETH Hönggerberg, Building HCI, Room G 3</p>   | <p><i>Wolfgang Pauli Lectures</i></p>                                    |
| <p><b>Universität Zürich</b><br/> <b>Prof. Dr. Mikhail Shashkov (Los Alamos National Laboratory)</b><br/>         Modern numerical methods for high-speed, compressible, multi-physics, multi-material flows<br/>         16:15 • UZH Irchel, Building KOL, Room G 201</p>                                     | <p><i>Zurich Colloquium in Applied and Computational Mathematics</i></p> |
| <p><b>Université de Neuchâtel</b><br/> <b>Nathalie Aubrun (ENS, Lyon)</b><br/>         Les mosaïques, ces ordinateurs qui s'ignorent<br/>         16:15 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile - Argand 11, ALG, F 200 200</p>  | <p><i>Séminaire Mathématiques et Société</i></p>                         |
| <p><b>Universität Zürich</b><br/> <b>Fabio Martinelli (Università di Roma Tre)</b><br/>         Bootstrap percolation and interacting particle systems with kinetic constraints: critical time and length scales<br/>         17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12</p> | <p><i>Seminar on Stochastic Processes</i></p>                            |

**Thursday, May 25**

*No events scheduled today!*

**Friday, May 26**

**ETH Zürich**

**Tiago Fonseca (Université Paris-Sud)**

Higher Ramanujan equations and periods of abelian varieties

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

*Number Theory Seminar*

### **Special Announcements**

#### **23rd Rolf Nevanlinna Colloquium**

ETH Zürich

June 12-16, 2017

<https://www.math.ethz.ch/fim/conferences/nevanlinna.html>

#### **Geometric Spectral Theory**

*SMS Summer Conference and CUSO Minicourse*

Neuchâtel

June 19-23, 2017

<http://archimede.mat.ulaval.ca/agirouard/Neuchatel2017/>

#### **Workshop on Irregular Transport: Analysis and Applications**

University of Basel

June 26-30, 2017

<http://personal.psu.edu/alm24/TB17/>

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>

