

**Monday, November 19****Universität Zürich****Prof. Dr. Wushi Goldring (Stockholm University)**

The Griffiths bundle is generated by group theory

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

*Oberseminar: Algebraische Geometrie***Université de Genève****David Belius (Universität Basel)**

The TAP-Plefka variational principle for mean field spin glasses

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

*Séminaire de Mathématique Physique***ETH Zürich****Martin Guest (Waseda University, Japan)**

Quantum cohomology and reality

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

*Symplectic Geometry Seminar***Tuesday, November 20****EPF Lausanne****Arpon Raksit (Stanford University)**

Title T.B.A.

10:15 • EPF Lausanne, Salle CM 1 113

*Séminaire de Topologie***Université de Genève****Gabor Elek (University of Lancaster)**

Qualitative graph convergence and the space of Cantor actions

10:30 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 623

*Groupes et Géométrie***Universität Basel****Nikon Kurnosov (University of Georgia, Athens, USA)**

Hyperkähler manifolds and their Betti numbers

10:30 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Seminar Room 00.003

*Seminar Algebra & Geometrie***Université de Genève****Shang Xiaocheng (ETH Zürich)**

Structure-preserving integrators for dissipative systems based on reversible-irreversible splitting

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

*Séminaire d'Analyse Numérique***EPF Lausanne****David Stewart (University of Newcastle)**

Maximal subalgebras of modular Lie algebras

15:00 • EPF Lausanne, Salle PH H3 33

*Groups, Arithmetic and Algebraic Geometry Seminar***ETH Zürich****Dr. Katarzyna Mazowiecka (Université catholique de Louvain)**

Title T.B.A.

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

*Analysis Seminar***Université de Genève****Catherine Meusburger (Friedrich–Alexander University)**

Ideal tetrahedra and their duals in 3d geometry

15:30 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

*Lie groups and moduli spaces*

<p><b>EPF Lausanne</b></p> <p><b>Prof. Dr. Mahmoud I. Hussein (University of Colorado Boulder)</b> Strongly Nonlinear Elastic Wave Propagation and the Essence of Spatial Invariance 16:15 • EPF Lausanne, Salle MA A3 30</p>	<i>Seminar of Numerical Analysis</i>
<p><b>ETH Zürich</b></p> <p><b>Prof. Dr. Matteo Bonforte (Universidad Autónoma de Madrid)</b> Title T.B.A. 16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Analysis Seminar</i>
<p><b>Université de Neuchâtel</b></p> <p><b>Michiel van den Berg (University of Bristol, UK)</b> Sign changing solutions of Poisson's equation 17:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile Argand 14, Auditoire B103</p>	<i>Colloque du Mardi</i>
<b>Wednesday, November 21</b>	
<p><b>Universität Zürich</b></p> <p><b>John Sheekey (University College Dublin)</b> Title T.B.A. t.b.a. • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12</p>	<i>Seminar on Coding Theory and Cryptography</i>
<p><b>EPF Lausanne</b></p> <p><b>Raman Sanyal (Goethe-Universität Frankfurt)</b> Cone valuations, Gram's relation, and combinatorics 10:00 • EPF Lausanne, Salle MA B1 524</p>	<i>DCG DISOPT Seminar</i>
<p><b>ETH Zürich</b></p> <p><b>Prof. Dr. Sebastian Baader (Universität Bern)</b> Geometry of Surfaces 10:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Nachdiplomvorlesung</i>
<p><b>Université de Fribourg</b></p> <p><b>Alexandr Polyanskii (MIPT &amp; EPF Lausanne)</b> Proof of László Fejes Tóth's zone conjecture 10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room</p>	<i>Oberseminar Geometrie</i>
<p><b>Universität Basel</b></p> <p><b>Antti Knowles (Université de Genève)</b> Local law and eigenvector delocalization for supercritical Erdos-Renyi graphs 11:00 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 1, Room 00.003</p>	<i>Seminar in Probability Theory</i>
<p><b>Universität Basel</b></p> <p><b>Elia Bruè (Scuola Normale Superiore di Pisa)</b> Propagation of regularity and mixing estimates for solutions of the incompressible continuity equation with Sobolev vector field 14:15 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Seminar Room 05.002</p>	<i>Seminar in Analysis</i>
<p><b>Universität Zürich</b></p> <p><b>Nicole Rohrer (Universität Zürich)</b> Generalization of Algorithms for Decoding Random Linear Codes 15:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12</p>	<i>Seminar on Coding Theory and Cryptography</i>
<p><b>ETH Zürich</b></p> <p><b>Prof. Dr. Alessio Corti (Imperial College)</b> Hyperelliptic integrals and mirrors of del Pezzo hypersurfaces 15:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2</p>	<i>Algebraic Geometry and Moduli Seminar</i>
<p><b>ETH Zürich</b></p> <p><b>Tamar Ziegler (Hebrew University)</b> Title T.B.A. 15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Geometry Seminar</i>

**EPF Lausanne**

*Seminar of Numerical Analysis*

**Dr. Olivier Zahm (INRA, AIRSEA. France)**

Detecting and exploiting the low-effective dimension of multivariate problems using gradient information

16:15 • EPF Lausanne, Salle MA A1 10

**Thursday, November 22**

**Universität Basel**

*Seminar Zahlentheorie*

**Amador Martin-Pizarro (Albert-Ludwigs-Universität Freiburg)**

On bounded automorphisms of fields with operators

14:15 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Room 05.001

**Université de Genève**

*Séminaire de Topologie et Géométrie*

**Delphine Moussard (Université de Bourgogne-Franche-Comté)**

Un théorème à la Fox-Milnor pour les sphères nouées dans  $S^4$

14:15 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 17

**Universität Zürich**

*PDE and Mathematical Physics*

**Prof. Dr. Clement Mouhot (Cambridge University)**

Title T.B.A.

15:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 46

**ETH Zürich**

*Talks in Financial and Insurance Mathematics*

**Adam Jakubowski (Nicolaus Copernicus University)**

Recent advances on the S topology

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

**ETH Zürich**

*Talks in Mathematical Physics*

**Alessandro Malusà (University of Saskatchewan)**

Title T.B.A.

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

**Université de Genève**

*Colloque de Mathématiques*

**Holger Dullin (University of Sydney)**

Monodromy in the Kepler Problem

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

**ETH Zürich**

*Kolloquium über Mathematik, Informatik und Unterricht*

**Özlem Imamoglu (ETH Zürich)**

Sums of squares

17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 3

**ETH Zürich**

*Farewell Lectures*

**Prof. em. Dr. Dietmar Salamon (ETH Zürich, Switzerland)**

Life in the search of truth and beauty

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

**Friday, November 23**

**EPF Lausanne**

*Talks in Mathematical Finance*

**Nicolae Garleanu (Berkeley Haas)**

Title T.B.A.

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

**Universität Basel**

*Seminar in Numerical Analysis*

**Assyr Abdulle (EPF Lausanne)**

Title T.B.A.

11:00 • Universität Basel, Mathematisches Institut, Spiegelgasse 5, 4051 Basel, Raum 05.001

<b>Universität Bern</b> <b>Eleferios Soultanis (Université de Fribourg)</b> Title T.B.A. 14:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Room 228	<i>Geometric Analysis Seminar</i>
<b>EPF Lausanne</b> <b>Birgit Schorkhuber (Universität Karlsruhe)</b> Co-dimension one stable blowup for the supercritical cubic wave equation 14:15 • EPF Lausanne, salle MA A3 31	<i>Séminaire d'Analyse</i>
<b>EPF Lausanne</b> <b>Prof. Dr. Gilles Stupfler (University of Nottingham)</b> Asymmetric least squares techniques for extreme risk estimation 14:15 • EPF Lausanne, Salle MA 30	<i>Statistics Seminar</i>
<b>ETH Zürich</b> <b>Zijian Guo (Rutgers, The State University of New Jersey)</b> Title T.B.A. 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1	<i>Research Seminar in Statistics</i>
<b>ETH Zürich</b> <b>Prof. Dr. Alessio Corti (Imperial College)</b> Some conjectures on deformations of toric singularities and toric Fano varieties 16:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Algebraic Geometry and Moduli Seminar</i>
<b>EPF Lausanne</b> <b>Manuel Francesco Aprile (EPF Lausanne)</b> On some problems related to 2-level polytopes 17:00 • EPF Lausanne, Salle MA B1 11	<i>Soutenance de Thèse</i>

### Special Announcements

#### Ludwig Schläfli Lectures

*Tamar Ziegler (Hebrew University of Jerusalem)*

University of Bern

November 19, 2018

<https://mathsites.unibe.ch/jdraisma/schlaefli2018.html>

#### Book launch

*Der Briefwechsel Leonhard Eulers mit Korrespondenten aus dem Umfeld der Universität Halle*

BEZ Basel

November 23, 2018

<https://dmi.unibas.ch/de/aktuelles/detail/news/buchpraesentation-des-bernoulli-euler-zentrums-der-briefwechsel-leonhard-eulers-mit-korrespondenten/>

#### Borel Seminar 2018

*Topology and Dynamics in the Swiss Alps*

Les Diablerets

December 3-7, 2018

<http://www.unige.ch/math/folks/neofytid/Borel2018/index.html>