

**Monday, October 23****ETH Zürich****Prof. Dr. Claire Voisin (Collège de France and ETH-ITS)**

Hyper-Kähler manifolds

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

*Nachdiplomvorlesung***EPF Lausanne****Andrey Kupavskii (EPF Lausanne)**

Title T.B.A.

14:00 • EPF Lausanne, Salle MA B1 524

*DCG DISOPT Seminar***ETH Zürich****Prof. Dr. Nalini Anantharaman (Université de Strasbourg)**

Delocalization of Schrödinger eigenfunctions

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

*Nachdiplomvorlesung***ETH Zürich****Jake Solomon (Hebrew University, Israel)**

The space of positive Lagrangians

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

*Symplectic Geometry Seminar***Université de Fribourg****David Gonzalez (Université de Fribourg)**

Open manifolds with positively curved souls

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

*Oberseminar Topologie***ETH Zürich****Prof. Dr. Paul Nelson (ETH Zürich, Switzerland)**

Title T.B.A.

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2

*Informal Analytic Number Theory Seminar***Tuesday, October 24****EPF Lausanne****Magdalena Kedziorek (MPIM Bonn)**

Understanding rational equivariant commutative ring spectra

10:15 • EPF Lausanne, Salle CM 012

*Séminaire de Topologie***Université de Fribourg****Dr. Omid Amini (CNRS - Ecole Normale Supérieure Paris)**

Lectures on Combinatorial Aspects of Hodge Theory

14:15 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room

*Combinatorics Seminar***Université de Genève****Noriaki Ikeda (Ritsumeikan University, Japan)**

Supergeometric formulation of T-duality geometry

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

*Lie groups and moduli spaces***EPF Lausanne****Dr. Peter Zaspel (Universität Basel)**

Optimal - complexity kernel - based stochastic collocation with applications in fluid mechanics

16:15 • EPF Lausanne, Salle GR A3 32

*Computational Science and Engineering*

**Université de Fribourg**

*Colloquium*

**Prof. Dr. Omid Amini (ENS Paris)**

Graph theory in arithmetic and algebraic geometry

17:15 • Université de Fribourg, room Phys 2.52

**Wednesday, October 25**

**ETH Zürich**

*Nachdiplomvorlesung*

**Dr. Gareth Peters (University College London)**

Statistical Machine Learning Methods for Risk and Insurance

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

**Université de Fribourg**

*Combinatorics Seminar*

**Dr. Omid Amini (CNRS - Ecole Normale Supérieure Paris)**

Lectures on Combinatorial Aspects of Hodge Theory

10:15 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room

**ETH Zürich**

*Algebraic Geometry and Moduli Seminar*

**Dr. Ran Tessler (ETH Zürich)**

Title T.B.A.

13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

**EPF Lausanne**

*Séminaire d'Algèbre et de Théorie des Nombres*

**Maciej Zdanowicz (University of Warsaw, Poland)**

Title T.B.A.

15:00 • EPF Lausanne, Salle CH B3 31

**ETH Zürich**

*Geometry Seminar*

**C.S. Aravinda (Tata Institute of Fundamental Research, Bangalore)**

Geodesic conjugacies in nonpositive curvature

15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

**ETH Zürich**

*Zurich Colloquium in Applied and Computational Mathematics*

**Prof. Dr. Marlis Hochbruck (Karlsruhe Institute of Technology)**

On the numerical solution of linear Maxwell's equations

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2

**ETH Zürich**

*Seminar on Stochastic Processes*

**Ellen Powell (ETH Zürich)**

An invariance principle for branching diffusions in bounded domains

17:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

**Thursday, October 26**

**Universität Basel**

*Bernoullis Tafelrunde*

**Linda Frey (Universität Basel)**

The beauty of elliptic curves

12:15 • Universität Basel, Departement Mathematik und Informatik, Spiegelgasse 5, Seminarraum 05.002

**EPF Lausanne**

*Séminaire d'Algèbre et de Théorie des Nombres*

**Johannes Nicaise (Imperial College London)**

Title T.B.A.

14:15 • EPF Lausanne, Salle CH B3 31

**Université de Genève**

*Séminaire de Topologie et Géométrie*

**David Cimasoni (Université de Genève)**

Revêtements et arbres couvrants

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

<p><b>EPF Lausanne</b>  <b>George Kudrna (CEPAR, UNSW Sydney, Australia)</b>  Means Testing Public Pensions under Population Ageing  15:00 • EPF Lausanne, Quartier UNIL - Dorigny, Salle Extranef 125</p>	<i>Talks in Actuarial Mathematics</i>
<p><b>ETH Zürich</b>  <b>Igor Kanatchikov</b>  Title T.B.A.  15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Talks in Mathematical Physics</i>
<p><b>ETH Zürich</b>  <b>Anthony Unwin (Universität Augsburg, Institut für Interdisziplinäre Informatik)</b>  Understanding Potential Outliers using the O3 Plot  16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2</p>	<i>ZüKoSt Zürcher Kolloquium über Statistik</i>
<p><b>ETH Zürich</b>  <b>Claudio Fontana (Université Paris-Diderot)</b>  The Value of Informational Arbitrage  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. Michiel van den Berg (School of Mathematics, University of Bristol)</b>  Spectral bounds for the torsion function and torsional rigidity  18:10 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36</p>	<i>PDE and Mathematical Physics</i>

<b>Friday, October 27</b>	
<p><b>EPF Lausanne</b>  <b>Francesca Cornelli (London Business School)</b>  Title T.B.A.  10:30 • EPF Lausanne, Quartier UNIL - Dorigny, Salle Extranef 126</p>	<i>Talks in Mathematical Finance</i>
<p><b>EPF Lausanne</b>  <b>Robert Mnatsakanov (West Virginia University, Morgantown)</b>  About new approximations of the Value at Risk, Expected Shortfall and the distribution of bivariate aggregate claims  14:00 • EPF Lausanne, Quartier UNIL - Dorigny, Salle Extranef 118</p>	<i>Talks in Actuarial Mathematics</i>
<p><b>EPF Lausanne</b>  <b>Prof. Dr. Bruno Franchi (Universität Bologna)</b>  Differential forms in Heisenberg groups and Sobolev-Poincaré inequalities  14:15 • EPF Lausanne, Salle MA A3 31</p>	<i>Séminaire d'Analyse</i>
<p><b>ETH Zürich</b>  <b>Dr. Honglu Fan (ETH Zürich)</b>  Title T.B.A.  16:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Algebraic Geometry and Moduli Seminar</i>
<p><b>EPF Lausanne</b>  <b>Timothée Noé Pouchon (EPF Lausanne)</b>  Effective models and numerical homogenization methods for long time wave propagation in heterogeneous media  17:15 • EPF Lausanne, Salle CM 1 4</p>	<i>Soutenance de Thèse</i>

## Special Announcements

### **BEZ Book launch**

*Eulers Briefwechsel mit Korrespondenten in der Romandie und in England*

BEZ Basel

November 17, 2017

[http://www.math.ch/archive/documents/Handzettel\\_Praesentation-IVA7.pdf](http://www.math.ch/archive/documents/Handzettel_Praesentation-IVA7.pdf)

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