

**Monday, October 24****Universität Zürich***Oberseminar: Algebraische Geometrie***Prof. Dr. Alessandro Verra (Università Roma Tre)**

The rationality of the universal K3 surface of genus 14 via cubic fourfolds.

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

**ETH Zürich***Symplectic Geometry Seminar***Vadim Kaloshin (University of Maryland & ITS ETH-Zürich)**

On Deformational Spectral Rigidity of Convex Symmetric Planar Domains

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

**Universität Bern***Mathematisches Kolloquium***Prof. Dr. Jitendra Bajpai (Universität Göttingen)**

Title T.B.A.

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

**Tuesday, October 25****ETH Zürich***Nachdiplomvorlesung***Prof. Dr. Alexander Shnirelman (Concordia University)**

Some problems of Mathematical Fluid Dynamics

10:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

**EPF Lausanne***DCG DISOPT Seminar***Misha Sharir (Tel Aviv University)**

Eliminating depth cycles for lines and triangles, with applications to bounding incidences

11:00 • EPF Lausanne, Salle MA B1 524

**EPF Lausanne***Séminaire Centre Interfacultaire Bernoulli***Adam Thomas (University of Bristol)**

The Jacobson-Morozov Theorem and complete reducibility of Lie subalgebras

15:00 • EPF Lausanne, Sallet BI A0 448

**ETH Zürich***Analysis Seminar***Prof. Dr. Alessio Porretta (University of Tor Vergata, Rome)**

Long time behavior of mean field games

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

**Université de Genève***Lie groups and moduli spaces***Yusuke Kuno (Tsuda College, Japan)**

1-cocycles on the fatgraph complex

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

**EPF Lausanne***Séminaire Centre Interfacultaire Bernoulli***Bob Oliver (Université Paris 13)**

Title T.B.A.

16:15 • EPF Lausanne, Sallet BI A0 448

**Université de Fribourg***Colloquium***Dr. Wim Hordijk (Universität Wien)**

Autocatalytic Sets: The Origin and Organization of Life

17:15 • Université de Fribourg, room Phys 2.52

**Universität Zürich**

*Zurich Colloquium in Mathematics*

**Prof. Dr. Eitan Tadmor (University of Maryland + ETH-ITS)**

Collective dynamics: emergence of consensus and social hydrodynamics

17:15 • UZH Zentrum, Building KO2, Room F 150

**Wednesday, October 26**

**ETH Zürich**

*Nachdiplomvorlesung*

**Prof. Dr. Vadim Kaloshin (University of Maryland)**

Stochastic Arnold diffusion of deterministic systems

10:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

**EPF Lausanne**

*Talks in Mathematical Finance*

**Arvind Krishnamurthy (Stanford University)**

Title T.B.A.

10:15 • EPF Lausanne, Quartier UNIL - Dorigny, Extranef, Salle 125

**Université de Fribourg**

*Oberseminar Geometrie*

**Felix Schlenk (Université de Neuchâtel)**

Growth of the number of geodesics between two points in manifolds of non-finite type

10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room

**EPF Lausanne**

*DCG DISOPT Seminar*

**Mehdi Makhul (RISC, Linz)**

Ordinary circles

11:00 • EPF Lausanne, Salle MA B1 524

**ETH Zürich**

*Algebraic Geometry and Moduli Seminar*

**Junliang Shen (ETH Zürich)**

Elliptic Calabi-Yau 3-folds, Jacobi forms, and derived categories III

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

**ETH Zürich**

*Nachdiplomvorlesung*

**Prof. Dr. Grégory Miermont (Ecole Normale Supérieure de Lyon)**

Random two-dimensional geometries

14:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2

**Université de Neuchâtel**

*Seminar on Coding Theory and Cryptography*

**Umberto Martinez-Penas (Aalborg University, Denmark)**

Unifying notions of generalized weights for security on wire-tap networks and other applications

15:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile - Argand 11, CH-2000 Neuchâtel, Auditoire B217

**Université de Neuchâtel**

*Seminar on Coding Theory and Cryptography*

**Roberta Barbi (Université de Neuchâtel)**

SYEL: Simple Yet Efficient Locally Repairable Code for Cloud Storage Systems

16:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile - Argand 11, CH-2000 Neuchâtel, Auditoire B217

**ETH Zürich**

*Seminar on Stochastic Processes*

**Pierre-Loic Méliot (Université Orsay)**

Fluctuations for graphon and permuton models

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

**Thursday, October 27**

**EPF Lausanne**

*Séminaire d'Algèbre et de Théorie des Nombres*

**Ashay Burungale (University of Arizona)**

Title T.B.A.

14:15 • EPF Lausanne, Salle GR A3 30

<p><b>ETH Zürich</b>  <b>Tim Boonen (Universiteit van Amsterdam)</b>  Capital allocation for portfolios with non-linear risk aggregation  17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Talks in Financial and Insurance Mathematics</i>
<p><b>EPF Lausanne</b>  <b>Ondrej Budac (EPF Lausanne)</b>  Multiscale methods for Stokes flow in heterogeneous media  17:15 • EPF Lausanne, Salle MA B1 11</p>	<i>Soutenance de Thèse</i>
<p><b>Universität Zürich</b>  <b>Dr. Michele Correggi (Roma Sapienza)</b>  Curvature Effects in Surface Superconductivity  18:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36</p>	<i>PDE and Mathematical Physics</i>
<b>Friday, October 28</b>	
<p><b>EPF Lausanne</b>  <b>Johan Walden (Haas School of Business at Berkeley)</b>  Title T.B.A.  10:30 • EPF Lausanne, Quartier UNIL - Dorigny, Extranef, Salle 126</p>	<i>Talks in Mathematical Finance</i>
<p><b>ETH Zürich</b>  <b>Dr. Maxim Mornev (University of Amsterdam)</b>  Shtuka cohomology and special values of Drinfeld modules  14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Number Theory Seminar</i>
<p><b>EPF Lausanne</b>  <b>Heather Harrington (Oxford University)</b>  Investigation of dynamics and networks using topological data analysis  15:00 • EPF Lausanne, salle B1.02, Campus Biotech</p>	<i>Seminar of Applied Topology</i>
<p><b>ETH Zürich</b>  <b>Samantha Leorato (Università Tor Vergata, Roma)</b>  Distribution and Quantile Regressions  15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<i>Research Seminar in Statistics</i>
<p><b>Universität Bern</b>  <b>Prof. Dr. Jan Draisma (Universität Bern)</b>  Maximum Likelihood Geometry  16:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, ExWi B 78</p>	<i>Colloquia on Probability and Statistics</i>
<p><b>ETH Zürich</b>  <b>Dr. Jérémy Guéré (Humboldt Universität, Berlin)</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>

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