

**Monday, November 18****EPF Lausanne***Séminaire de Topologie***Lior Yanofsky (Max Planck Institut für Mathematik)**The  $\infty$ -Categorical Eckmann-Hilton Argument

10:15 • EPF Lausanne, Salle MA 10

**Universität Zürich***Oberseminar: Algebraische Geometrie***Prof. Dr. Benjamin Schraen (Université Paris-Sud)**

The geometry of trianguline deformation spaces

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

**ETH Zürich***Ergodic Theory and Dynamical Systems Seminar***Prof. Dr. Sylvain Crovisier (CNRS, Orsay)**

Renormalization of Hénon maps with zero entropy

14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

**Université de Genève***Séminaire de Mathématique Physique***Mikhail Khristoforov (University of Helsinki)**

Title T.B.A.

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

**EPF Lausanne***Seminar on Metric and Differential Geometry***Guillaume Buro (EPF Lausanne)**

Géométrie Finslérienne de basse régularité

16:15 • EPF Lausanne, Salle MA B1 524

**Universität Bern***Mathematisches Kolloquium***Dr. Daniel Wessel (University of Verona)**

Ideal objects in the shades of finite trees

17:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture Room 119

**Tuesday, November 19****ETH Zürich***Nachdiplomvorlesung***Craig Evans (University of California, Berkeley)**

Weak Convergence Methods for Nonlinear Partial Differential Equations

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

**Université de Genève***Séminaire d'Analyse Numérique***Mustapha Jazar (Lebanese University, Beirut)**

Contraction family for a doubly nonlinear parabolic equation

14:00 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 623

**EPF Lausanne***Groups, Arithmetic and Algebraic Geometry Seminar***Takumi Murayama (Princeton University)**

Title T.B.A.

15:15 • EPF Lausanne, Salle tba

**Université de Fribourg***Colloquium***Prof. Dr. Joachim Lohkamp (Universität Münster)**

Hyperbolic Unfoldings of Minimal Hypersurfaces

17:15 • Université de Fribourg, room Phys 2.52

**Universität Zürich***Zurich Colloquium in Mathematics***Dr. Ana Caraiani (Imperial College, London)**

Reciprocity laws for torsion classes

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

## Wednesday, November 20

**Université de Fribourg**

*Oberseminar Geometrie*

**Joachim Lohkamp (Universität Münster)**

Splitting Principles in Scalar Curvature

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

**ETH Zürich**

*Nachdiplomvorlesung*

**Bill Duke (University of California, Los Angeles)**

Topics in modern analytic number theory

13:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

**ETH Zürich**

*Algebraic Geometry and Moduli Seminar*

**Tim Buelles (ETH Zürich)**

Title T.B.A.

13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2

**EPF Lausanne**

*Groups, Arithmetic and Algebraic Geometry Seminar*

**Jacques Thevenaz (EPF Lausanne)**

Linear representations of finite sets

15:15 • EPF Lausanne, Salle GC A3 30

**ETH Zürich**

*Geometry Seminar*

**Ville Kivioja (University of Jyväskylä)**

Approaching quasi-isometry classification of Lie groups using isometries

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

**EPF Lausanne**

*Theory and Combinatorics Seminar*

**Mohsen Ghaffari (ETH Zürich)**

Title T.B.A.

16:15 • EPF Lausanne, Salle BC229

**ETH Zürich**

*Seminar on Stochastic Processes*

**Kilian Raschel (Université de Tours)**

Confined random processes and Galois theory of difference equations

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

## Thursday, November 21

**ETH Zürich**

*Nachdiplomvorlesung*

**Juan-Pablo Ortega (Universität St. Gallen)**

Machine Learning of Dynamic Processes with Applications to Forecasting

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

**Université de Neuchâtel**

*Colloques du jeudi*

**Prof. Dr. Tadeas Priklopil (Université de Lausanne)**

Modelling evolution in structured populations

12:45 • Université de Neuchâtel, Rue Emile-Argand 11, salle B013

**ETH Zürich**

*Talks in Mathematical Physics*

**Nicolai Reshetikhin (ETH-ITS and University of California, Berkeley)**

Integrable and superintegrable systems on moduli spaces of flat connections III

14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

**Université de Genève**

*Séminaire de Topologie et Géométrie*

**Oliver Singh (Durham University)**

Knotted surfaces in 4-manifolds and distances between them

14:15 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 623

<p><b>Universität Basel</b>  <b>Silvia Ligabue (Universität Basel)</b>  Anisotropic vector fields: quantitative estimates and applications to the Vlasov-Poisson equation  16:15 • Universität Basel, Kollegienhaus, Petersplatz 1, Basel, Hörsaal 120</p>	<i>Doktoratskolloquim Mathematik</i>
<p><b>ETH Zürich</b>  <b>Laura Keller (ETH Zürich)</b>  Mathematik in der Biologie ?!  17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 3</p>	<i>Kolloquium über Mathematik, Informatik und Unterricht</i>
<p><b>ETH Zürich</b>  <b>Mathias Millberg Lindholm (Stockholm University)</b>  TBA: Talk  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>David Gontier (Dauphine)</b>  Title T.B.A.  18:10 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36</p>	<i>Seminar PDE and Mathematical Physics</i>
<p><b>ETH Zürich</b>  <b>Hourya Benis Sinaceur (Université Paris 1 - Panthéon Sorbonne)</b>  Dedekind's and Frege's views on arithmetic and logic  18:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 3</p>	<i>Dedekind Lectures</i>
<b>Friday, November 22</b>	
<p><b>EPF Lausanne</b>  <b>Albert Menkveld (VU University Amsterdam)</b>  Large Orders in Small Markets: On Optimal Execution with Endogenous Liquidity Supply  10:30 • EPF Lausanne, Quartier UNIL - Dorigny, Salle Extranef 126</p>	<i>Talks in Mathematical Finance</i>
<p><b>Université de Lausanne</b>  <b>Irina Gemmo (ETH Zürich)</b>  Optimal Lifecycle Portfolio Choice with Natural Tontines under Systematic Longevity Risk  14:00 • Université de Lausanne, Quartier UNIL - Extranef 126</p>	<i>Talks in Actuarial Mathematics</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Dimitri Wyss (EPF Lausanne)</b>  Non-Archimedean integrals on the Hitchin fibration  14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Number Theory Seminar</i>
<p><b>Université de Neuchâtel</b>  <b>Prof. J. Gavin et A. Schärli (Collège Voltaire Genève et Université de Lausanne)</b>  L'arrivée des chiffres arabes et de l'algèbre en Europe  14:15 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile Argand 14, Aula-Unimail F-100</p>	<i>Séminaire Mathématiques et Société</i>
<p><b>Universität Basel</b>  <b>Dr. Andreas Verdun (Universität Bern)</b>  Leonhard Euler's methods of celestial mechanics  15:15 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Seminar Room 05.002</p>	<i>Perlen-Kolloquium</i>
<p><b>Universität Zürich</b>  <b>Theodore Voronov (University of Manchester)</b>  Thick morphisms and spinor representation  15:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 28</p>	<i>Talks in Mathematical Physics</i>
<p><b>Universität Bern</b>  <b>Prof. Dr. Raul Jimenez (University Carlos III of Madrid)</b>  A depth-based method for functional time series forecasting  16:00 • Universität Bern, Alpeneggstrasse 22, 3012 Bern, Hörsaal -203</p>	<i>Colloquia on Probability and Statistics</i>

## Special Announcements

### Dedekind Lectures

*Hourya Benis Sinaceur*

ETH Zürich

November 21, 2019

<https://people.math.ethz.ch/~halorenz/dedekind.html>

### Book launch

*Leonhard Euler's methods of celestial mechanics*

Physics Department & BEZ University of Basel

November 22, 2019

[https://math.ch/Handzettel\\_Praesentation-II26.pdf](https://math.ch/Handzettel_Praesentation-II26.pdf)

### Plancherel Lecture

*Andreas Thom (TU Dresden)*

University of Fribourg

December 9, 2019

<https://math.ch/Poster-Thom-Plancherel2019.pdf>

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>

