

**Monday, October 23****Universität Zürich***Ergodic theory and dynamical systems seminar***Dr. Daniele Galli (Universität Zürich)**

A cohomological approach to Ruelle-Pollicott resonances of Anosov diffeomorphisms

15:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

**ETH Zürich***Algebraic Geometry and Moduli Seminar***Ce Ji (Beijing Univ. and ETH Zürich)**

Toward a generalization of the Witten conjecture from spectral curve

15:00 • ETH Zentrum, Building ITS, Room

**ETH Zürich***Symplectic Geometry Seminar***Pazit Haim Kislev (Tel-Aviv University)**

Symplectic Barriers

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

**Tuesday, October 24****Université de Genève***Groupes et Géométrie***George Willis (University of Newcastle, Australia)**

Self-replicating groups and scale groups

10:30 • Université de Genève, Conseil Général 7-9, Room 1-05

**ETH Zürich***DACO Seminar***Dr. Daria Tieplova (ICTP, Trieste)**

Fundamental limits of overparametrized shallow neural networks for supervised learning

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

**EPF Lausanne***Groups, Arithmetic and Algebraic Geometry Seminar***Dimitriy Rumynin (Warwick)** $C_2$  graded groups, their real representations and Dyson's tenfold way

15:15 • EPF Lausanne

**ETH Zürich***Analysis Seminar***Dr. Mitchell Taylor (ETH Zürich, Switzerland)**

Low regularity well-posedness for the general quasilinear Schrödinger equation

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

**Universität Zürich***Zurich Colloquium in Mathematics***Prof. Dr. Peter Hintz (ETH Zürich, Switzerland)**

Perturbations and weak interactions of black holes

16:30 • UZH Zentrum, Building KO, Room F 150

**Université de Neuchâtel***Colloque du Mardi***Adélie Garin (EPFL)**

When TDA meets geometric group theory: A stratification of barcode space using Coxeter complexes

17:00 • Université de Neuchâtel, Institut de Mathématiques, B103

**Wednesday, October 25****EPF Lausanne***Groups, Arithmetic and Algebraic Geometry Seminar***Dinakar Ramakrishnan (Caltech)**

Title T.B.A.

10:00 • EPF Lausanne

<p><b>Université de Genève</b>  <b>Matt Koster (Toronto)</b>  The topology of moduli spaces of flat connections.  10:15 • Université de Genève, Section de mathématiques, 7-9 rue du Conseil-Général, Room 1-07</p>	<i>Lie groups and moduli spaces</i>
<p><b>Université de Fribourg</b>  <b>Nicola Cavalucchi (EPFL)</b>  Convergence of CAT(0) groups and spaces  10:20 • Université de Fribourg, 1.309 PER07</p>	<i>Oberseminar Geometrie</i>
<p><b>ETH Zürich</b>  <b>Dr. Johannes Schmitt (ETH Zürich)</b>  Log intersection theory: from toric varieties to moduli of curves III  13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Algebraic Geometry and Moduli Seminar</i>
<p><b>ETH Zürich</b>  <b>Stefanie Zbinden (Heriot-Watt)</b>  Title T.B.A.  15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Geometry Seminar</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Gianluca Crippa (Departement Mathematik und Informatik, Universität Basel)</b>  Anomalous dissipation in fluid dynamics  16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2</p>	<i>Zurich Colloquium in Applied and Computational Mathematics</i>
<p><b>Universität Zürich</b>  <b>Prof. Dr. Nathanael Berestycki (University of Vienna)</b>  Weyl law in Liouville quantum gravity  17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H12</p>	<i>Seminar on Stochastic Processes</i>
<b>Thursday, October 26</b>	
<p><b>ETH Zürich</b>  <b>Javier Fresán (Sorbonne Université)</b>  E-functions and geometry  10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Nachdiplomvorlesung</i>
<p><b>EPF Lausanne</b>  <b>Philip Engel</b>  Title T.B.A.  14:00 • EPF Lausanne</p>	<i>Groups, Arithmetic and Algebraic Geometry Seminar</i>
<p><b>ETH Zürich</b>  <b>Dr. Michele Dolce (EPFL)</b>  Stability threshold of the 2D Couette flow in a homogeneous magnetic field  16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2</p>	<i>PDE and Mathematical Physics</i>
<p><b>UniDistance Suisse</b>  <b>Helmut Harbrecht (University of Basel)</b>  Talk by Helmut Harbrecht  17:00 • UniDistance Suisse, online</p>	<i>Mathematics Colloquium</i>
<p><b>ETH Zürich</b>  <b>Dennis Komm (ETH Zürich)</b>  Informatikunterricht gestern, heute und morgen  17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<i>Kolloquium über Mathematik, Informatik und Unterricht</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Ying Chen (National University of Singapore)</b>  Optimal Market Making under Model Uncertainty: A Robust Reinforcement Learning Approach  17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Talks in Financial and Insurance Mathematics</i>

**Friday, October 27**

**Universität Basel**

**Carsten Gräser (FAU Erlangen-Nürnberg)**

Title T.B.A.

11:00 • Universität Basel, Spiegelgasse 5, Seminarraum 05.001

*Seminar in Numerical Analysis*

**ETH Zürich**

**Javier Fresán (Sorbonne Université )**

Title T.B.A.

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

*Number Theory Seminar*

**ETH Zürich**

**Johanna Ziegel (University of Bern)**

Sequential alternatives to the t-test

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

*ZüKoSt Zürcher Kolloquium über Statistik*

**Universität Bern**

**Dragi Anevski (University of Lund)**

Title T.B.A.

15:15 • Universität Bern, IMSV, Alpeneggstrasse 22, 3012 Bern, Hörraum -203

*Colloquia on Probability and Statistics*

## Special Announcements

### [Swiss Geometry Day](#)

SMS Fall Meeting, Brig

Uni Distance Suisse

October 27, 2023

### [Conference en mémoire d'André Haefliger](#)

Registration deadline November 30, 2023

University of Geneva

January 15 - 17, 2024

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