

## Monday, November 8

## Universität Zürich

Prof. Dr. Paolo Stellari (Università degli Studi di Milano)

To be announced

13:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

*Oberseminar: Algebraische Geometrie*

## Université de Genève

Jeff Hicks (University of Edinburgh)

The Support of the Lagrangian lift of a Tropical Hypersurface

14:00 • Université de Genève, Rue du Conseil-Général 7-9 1205 Geneva, Room 6-13

*Geneva Neuchatel Symplectic Geometry Seminar (GeNeSyS)*

## Universität Zürich

Dr. Manuel Lüthi (EPFL)

Random walks on homogeneous spaces, Spectral Gaps, and Khintchine's theorem on fractals

15:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 28

*Ergodic Theory and Dynamical Systems Seminar*

## Université de Genève

Alex Oancea (Université de Strasbourg)

Bialgebra structures in Floer theory

16:00 • Université de Genève, Rue du Conseil-Général 7-9 1205 Geneva, Room 6-13

*Geneva Neuchatel Symplectic Geometry Seminar (GeNeSyS)*

## Universität Bern

Dr. Christopher Heng Chiu (Eindhoven University of Technology)

Title T.B.A.

17:15 • Universität Bern, Sidlerstrasse 5, 3012 Bern, lecture room 119

*Mathematisches Kolloquium*

## ETH Zürich

Prof. Dr. Aaron Pixton (University of Michigan)

Title T.B.A.

18:30 • Zoom

*Algebraic Geometry and Moduli Seminar*

## Tuesday, November 9

## ETH Zürich

Hansjörg Albrecher (Université de Lausanne)

Randomization and Dimensionality in Risk Modeling

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

*Nachdiplomvorlesung*

## Universität Basel

Stefano Filipazzi (EPF Lausanne)

On the boundedness of elliptic Calabi-Yau threefolds

10:30 • Universität Basel, Rheinsprung 21, room t.b.a.

*Seminar Algebra & Geometrie*

## EPF Lausanne

David Reutter (MPIM)

Title T.B.A.

14:15 • EPF Lausanne, room MA A1 12 and online

*Séminaire de Topologie*

## ETH Zürich

Dr. Giorgio Tortone (Università di Pisa)

Title T.B.A.

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

*Analysis Seminar*

## Université de Neuchâtel

Peter Sarnak (IAS Princeton)

Reflection groups and monodromy

16:00 • Université de Neuchâtel, MIPT, and Rutgers University: Zoom

*The Vinberg Lecture Series*

## Wednesday, November 10

**Universität Zürich**

**Margreta Kuijper (The University of Melbourne, Australia)**

Coding for packet erasure channels

10:00 • Online Seminar

*Seminar on Coding Theory and Cryptography*

**Université de Neuchâtel**

**Laurent Hayez (Université de Neuchâtel)**

Sensibilité au bruit des marches aléatoires sur les groupes (d'après I. Benjamini et J. Brioussell), 2ème partie

10:15 • Université de Neuchâtel, Rue Emile Argand 11, Auditoire B217

*Groups and analysis*

**Université de Fribourg**

**Michal Jozwikowski (Université de Fribourg)**

Everything you ever wanted to know about sub-Riemannian geodesics (but were afraid to ask)

10:20 • Université de Fribourg, room Phys 2.52

*Oberseminar Geometrie*

**ETH Zürich**

**Dr. Longting Wu (MPI Bonn)**

A new approach to the operator formalism for the equivariant Gromov-Witten theory of the cap

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

*Algebraic Geometry and Moduli Seminar*

**ETH Zürich**

**Gabriel Pallier (Sorbonne Université, France)**

Invariants for sublinear bilipschitz equivalence

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

*Geometry Seminar*

**ETH Zürich**

**Dr. Chupeng Ma (Universität Heidelberg)**

Generalized FEMs based on locally optimal spectral approximations for Helmholtz equation with heterogeneous coefficient

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

*Zurich Colloquium in Applied and Computational Mathematics*

**EPF Lausanne**

**Prof. Dr. Giuseppe Carleo (EPF Lausanne)**

Learning Solutions to the Schrödinger equation with Neural-Network Quantum States

16:15 • EPF Lausanne, Salle GA 3 21

*Computational Mathematics Seminar*

## Thursday, November 11

**EPF Lausanne**

**Pierrick Bousseau (ETH Zürich)**

Title T.B.A.

14:15 • EPF Lausanne, Salle tba

*Groups, Arithmetic and Algebraic Geometry Seminar*

**ETH Zürich**

**Dmitry Yarotsky (Skoltech Faculty, Russia)**

Explicit loss asymptotics in the gradient descent training of neural networks

16:15 • Zoom Call

*ETH-FDS seminar*

**Universität Basel**

**Avi Wigderson (Princeton University)**

Randomness

17:00 • Universität Basel, Zoom Seminar

*Seminar Zahlentheorie*

**ETH Zürich**

**Klaus Volkert (Universität Wuppertal)**

Was ist das, ein Flächeninhalt?

17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

*Kolloquium über Mathematik, Informatik und Unterricht*

**ETH Zürich**

**Dr. Gudmund Pammer (ETH Zürich, Switzerland)**

Title T.B.A.

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

*Talks in Financial and Insurance Mathematics*

**Universität Zürich**

**Prof. Dr. Gigliola Staffilani (MIT)**

Title T.B.A.

18:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36

*PDE and Mathematical Physics*

**Friday, November 12**

**EPF Lausanne**

**Samuel Antill (Harvard Business School)**

Financing the Litigation Arms Race

t.b.a. • EPF Lausanne, Zoom Seminar

*Talks in Mathematical Finance*

**ETH Zürich**

**Euan Spence (University of Bath)**

At the interface between semiclassical analysis and numerical analysis of wave-scattering problems

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

*Nachdiplomvorlesung*

**Universität Basel**

**Rolf Krause (Università della Svizzera italiana)**

Scales of Knowledge - Multilevel Minimization in Scientific Computing and Machine Learning

11:00 • Universität Basel, Zoom Seminar

*Seminar in Numerical Analysis*

**EPF Lausanne**

**Enno Lenzmann (Universität Basel)**

Solitons for Calogero-Moser NLS and the prescribed  $Q$ -curvature problem

14:15 • EPF Lausanne, Salle MA B1 11

*Seminar of Mathematical Analysis*

**ETH Zürich**

**Dr. Jan-Willem van Ittersum (MPI Bonn)**

Title T.B.A.

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

*Number Theory Seminar*

**ETH Zürich**

**Leonhard Held (Universität Zürich)**

Title T.B.A.

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

*ZüKoSt Zürcher Kolloquium über Statistik*

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