

## Monday, May 22

## Universität Basel

Semira Einsele (Freie Universität Berlin)

Gröbner Bases as a Tool in Cryptology

12:15 • Universität Basel, Spiegelgasse 5, SR 05.002

Bernoullis Tafelrunde

## ETH Zürich

Dr. Natalia Jurga (University of St Andrews)

Title T.B.A.

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

Ergodic Theory and Dynamical Systems Seminar

## ETH Zürich

Miguel Abreu (Instituto Superior Tecnico Lisbon)

Contact invariants of  $Q$ -Gorenstein toric contact manifolds and the Ehrhart (quasi-)polynomials of their toric diagrams

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

Symplectic Geometry Seminar

## ETH Zürich

Prof. Dr. Hai Zhang (Hong Kong Univ. of Science &amp; Technology)

Title T.B.A.

16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room

Zurich Colloquium in Applied and Computational Mathematics

## Universität Bern

Prof. Dr. Frank Forstnerič (University of Ljubljana)

Recent developments on Oka manifolds

17:15 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture Room B6

Mathematisches Kolloquium

## Tuesday, May 23

## ETH Zürich

Karoly Böröczky (Alfréd Rényi Institute of Mathematics)

The Isoperimetric inequality, the Brunn-Minkowski theory, and the  $L_p$  Minkowski problem

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

Nachdiplomvorlesung

## ETH Zürich

Prof. Dr. Didier Smets (Laboratoire Jacques-Louis Lions Sorbonne Université)

Title T.B.A.

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Analysis Seminar

## ETH Zürich

Prof. Dr. Didier Smets (Sorbonne Université)

On the applicability of Doeblin Harris type methods to PDE models with partial diffusion

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

PDE and Mathematical Physics

## Université de Fribourg

Stephan Stadler (MPIM Bonn)

CAT(0) spaces of higher rank

17:15 • Université de Fribourg, room Phys 2.52

Colloquium

## Wednesday, May 24

## ETH Zürich

Shahar Mendelson (The Australian National University)

Probabilistic methods in Analysis

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

Nachdiplomvorlesung

**Université de Fribourg**

*Oberseminar Geometrie*

**Dr. Sam Haghighi Noshari (Université de Fribourg)**

On the equivariant cohomology of certain generalizations of symmetric spaces

10:20 • Université de Fribourg, room Phys 2.52

**ETH Zürich**

*Algebraic Geometry and Moduli Seminar*

**Prof. Dr. Dhruv Ranganathan (Cambridge University)**

Enumerative geometry for curves in an algebraic torus

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

**Universität Basel**

*Seminar in Analysis*

**Thérèse Moerschell (EPF Lausanne)**

Title T.B.A.

14:15 • Universität Basel, Spiegelgasse 5, SR 05.002

**ETH Zürich**

*Algebraic Geometry and Moduli Seminar*

**Prof. Dr. Dan Abramovich (Brown University)**

The Chow ring of a weighted blowup

15:30 • ETH Zentrum, Building ITS, Room

**ETH Zürich**

*Geometry Seminar*

**Marco Moraschini (University of Bologna)**

Simplicial volume and aspherical manifolds

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

**Universität Zürich**

*Zurich Colloquium in Applied and Computational Mathematics*

**Prof. Dr. Patrick Ciarlet (ENSTA Paris | Institut Polytechnique de Paris)**

T-coercivity: a practical tool for the study of variational formulations

16:30 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36

**Universität Zürich**

*Seminar on Coding Theory and Cryptography*

**Diana Rauseo (Universität Zürich)**

Title T.B.A.

16:30 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

**Thursday, May 25**

**ETH Zürich**

*Nachdiplomvorlesung*

**Brita Nucinkis (Royal Holloway, University of London)**

Cohomological methods in group theory

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

**EPF Lausanne**

*Computational Science and Engineering*

**Prof. Dr. Piotr Indyk (MIT)**

Title T.B.A.

13:00 • EPF Lausanne, Salle GA 3 21

**Université de Genève**

*Séminaire de Topologie et Géométrie*

**Gaetan Simian (Université de Genève)**

Title: t.b.a.

13:15 • Université de Genève, Conseil Général 7-9, Room 1-15

**EPF Lausanne**

*Groups, Arithmetic and Algebraic Geometry Seminar*

**Yuri Zarhin (Penn State University)**

Jordan properties of automorphism groups of complex algebraic varieties

13:15 • EPF Lausanne, Salle MA A3 30

**Université de Genève**

*Colloque de Mathématiques*

**Anton Zorich (University Paris Cité)**

Random square-tiled surfaces of large genus and random multicurves on surfaces of large genus

16:15 • Université de Genève, Conseil Général 7-9, Room 1-15

**ETH Zürich**

*ITS Science Colloquium*

**Mihalis Dafermos (Princeton University and University of Cambridge)**

The mathematics of black holes and spacetime singularities

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 3

**Universität Basel**

*Number Theory Web Seminar*

**Barak Weiss (Tel Aviv University)**

New bounds on lattice covering volumes, and nearly uniform covers

17:00 • Universität Basel, online Seminar

**ETH Zürich**

*Talks in Financial and Insurance Mathematics*

**Dr. Daniel Bartl (Universität Wien)**

Title T.B.A.

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

**Friday, May 26**

**EPF Lausanne**

*Talks in Mathematical Finance*

**Eric Loualiche (Carlson School of Management)**

Firm networks in the great depression

10:30 • EPF Lausanne, UniL campus, Extranef 126

**ETH Zürich**

*Number Theory Seminar*

**Prof. Dr. Kevin Hughes (Edinburgh Napier University)**

Title T.B.A.

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

**ETH Zürich**

*ZüKoSt Zürcher Kolloquium über Statistik*

**Tim Vaughan (ETH, Dep. of Biosystems Science and Engineering)**

Title T.B.A.

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

**EPF Lausanne**

*Statistics Seminar*

**Anne van Delft (Columbia University)**

Title T.B.A.

15:15 • EPF Lausanne, Salle GA 3 21

**ETH Zürich**

*Algebraic Geometry and Moduli Seminar*

**Dr. Michel van Garrel (University of Birmingham)**

Geometry of enumerative mirror symmetry

16:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

## Special Announcements

### **SMS Public Lecture 2023**

Joseph M. Landsberg (Texas A&M University)

*Geometry and the complexity of matrix multiplication*

University of Bern

June 6, 2023

<https://mathsites.unibe.ch/jdraisma/spring2023.html>

### **Week-End des Jeunes Chercheur:ses de l'ARDM 2023 (WEJCH)**

Lausanne

May 18 - 20, 2023

<https://wejch2023.sciencesconf.org/>

### **Swiss Numerics Day 2023**

University of Bern

June 7, 2023

<https://mathsites.unibe.ch/snd2023/SND2023.html>

### **Zurich Dynamics Conference**

University of Zurich

June 12 - 16, 2023

<https://www.math.uzh.ch/zdc23/index.php?id=130%3E>

### **Borel Seminar 2023: Lattices in Negative Curvature**

Les Diablerets

July 17 - 21, 2023

<https://homeweb.unifr.ch/kellerha/pub/Borel2023/>

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