

## Monday, February 27

## ETH Zürich

Prof. Dr. Stefano Marmi (Scuola Normale Superiore)

Brjuno functions, Hölder continuity and modular forms

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

*Ergodic Theory and Dynamical Systems Seminar*

## Université de Genève

Evgeni Abakoumov (Université de Paris)

Chui's conjecture and rational approximation

15:00 • Université de Genève, Conseil Général 7-9, Room 6-13

*Séminaire "Fables Géométriques"*

## Université de Genève

Ferit Ozturk (Istanbul Bosphorus University &amp; Budapest Renyi Institute)

Every real 3-manifold admits a real contact structure

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

*Séminaire "Fables Géométriques"*

## Universität Bern

Prof. Dr. Martin Grothaus (TU Kaiserslautern)

Industrial Mathematics, Hypocoercivity and SPDEs

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

*Mathematisches Kolloquium*

## Tuesday, February 28

## 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*

## Université de Genève

Eduardo Silva (ENS Paris)

Dead ends on wreath products and lamplighter groups

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

*Séminaire Groupes et Géométrie*

## EPF Lausanne

Melina Mailhot (Concordia university, Montreal)

Smooth Copula-based Generalized Extreme Value model and Spatial Interpolation for Extreme Rainfall in Central Eastern Canada

11:00 • EPF Lausanne, UniL campus, Extranef 125

*Talks in Actuarial Mathematics*

## EPF Lausanne

Ilaria Viglino (ETH Zürich)

An explicit Chebotarev Density Theorem on average and applications

15:00 • EPF Lausanne, Salle GR A3 32

*Groups, Arithmetic and Algebraic Geometry Seminar*

## Université de Genève

Matthias Christandl (University of Copenhagen &amp; Université de Genève)

Mathematics of Quantum Entanglement. Part 1: Mathematical Setup, Entanglement, Quantum Communication, Bell Inequalities, Quantum Capacities

15:00 • Université de Genève, Conseil Général 7-9, Room 1-07

*Lie groups and moduli spaces*

## Universität Zürich

Martin Hairer (EPF Lausanne)

Stochastic quantisation of Yang-Mills

16:30 • UZH Zentrum, Building KO2, Room F 150

*Zurich Colloquium in Mathematics*

**Université Fribourg auditoire 2.52**

Colloquium

**David Wraith (Maynooth University)**

Intermediate curvatures: an overview and some recent developments

17:15 • Université Fribourg auditoire 2.52

**Wednesday, March 1****EPF Lausanne***Seminar in Mathematics***Annina Iseli (Université de Fribourg)**

The combinatorics of rational maps

08:30 • EPF Lausanne, Salle MA B1 524

**ETH Zürich***Nachdiplomvorlesung***Shahar Mendelson (The Australian National University)**

Probabilistic methods in Analysis

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

**ETH Zürich***Geometry Seminar***Jérémy Blanc (Universität Basel)**

Quotients of Cremona groups

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

**Universität Zürich***Seminar on Stochastic Processes***Prof. Dr. Francesco Caravenna (Department of Mathematics and Applications, University of Milano-Bicocca)**

The critical 2d Stochastic Heat Flow

17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H12

**Thursday, March 2****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

**ETH Zürich***ETH-FDS seminar***Felix Kraemer (TU München)**

Robust low-rank matrix completion with adversarial noise

15:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.1

**ETH Zürich***PDE and Mathematical Physics***Massimo Sorella (EPFL)**

Non selection of vanishing viscosity solutions to the advection equation and anomalous dissipation

16:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

**Universität Basel***Number Theory Web Seminar***Alexandra Shlapentokh (East Carolina University)**

Defining integers using unit groups

17:00 • Universität Basel, online Seminar

**Friday, March 3****EPF Lausanne***Seminar in Mathematics***Sara Torelli (Leibniz Universität, Hannover)**

Holomorphic forms on moduli of curves

08:30 • EPF Lausanne, Salle MA B1 524

**EPF Lausanne***Talks in Mathematical Finance***Andrey Malenko (Michigan's Ross School of Business)**

Title T.B.A.

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

**Universität Bern**

*Colloquia on Probability and Statistics*

**Prof. Dr. Martin Larsson (Carnegie Mellon)**

A composite generalization of Ville's martingale theorem

15:00 • Universität Bern, IMSV, Alpeneggstrasse 22, 3012 Bern, Hörraum -203

**EPF Lausanne**

*Statistics Seminar*

**Felix Krahmer (Universität Göttingen)**

Robust low-rank matrix completion with adversarial noise

15:15 • EPF Lausanne, Salle GA 3 21

## Special Announcements

### SMS Doctoral Day 2023

For graduate students and recent PhDs

University of Neuchâtel

March 14, 2023

<https://math.ch/>

### Fribourg MAPS: Metric Analysis, Parametrizations, and Surfaces

University of Fribourg:

April 13 - 15, 2023

<https://homeweb.unifr.ch/iselian/pub/FribourgMAPS/index.html>

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>

