

**Monday, December 4****Universität Basel****Prof. Dr. Peter Feller (ETH Zürich, Switzerland)**

Gauss composition and distinct surfaces in the 4-ball

10:30 • Universität Basel, Spiegelgasse 5, Seminarraum 05.001

[\*Seminar Algebra and Geometry\*](#)**Universität Basel****Jinghao Cao (ETH Zurich)**[Wave interaction with subwavelength resonators](#)

12:15 • Universität Basel, Seminarraum 05.002

[\*Bernoullis Tafelrunde\*](#)**EPF Lausanne****Tomasz Rolski (University of Wrocław, Poland)**

Title T.B.A.

14:00 • EPF Lausanne, UniL campus, Extranef - 125

[\*Talks in Actuarial Mathematics\*](#)**Universität Zürich****Prof. Dr. Samuel Tapie (Université de Lorraine)**

Entropy at infinity and applications in negative curvature

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

[\*Ergodic theory and dynamical systems seminar\*](#)**Universität Bern****Maryna Viazovska (EPF Lausanne)**[The sphere packing problem](#)

19:30 • Universität Bern, Aula, Hauptgebäude

[\*Einstein Lectures\*](#)**Tuesday, December 5****EPF Lausanne****Nora Muler (Universidad Torcuato Di Tella, BuenosAires)****Pablo Azcue (Universidad Torcuato Di Tella, BuenosAires)**

Title T.B.A.

11:00 • EPF Lausanne, UniL campus, Extranef - 110

[\*Talks in Actuarial Mathematics\*](#)**EPF Lausanne****Javier Fresan (Jussieu, Paris)**

Fixed-point statistics from spectral measure

14:15 • EPF Lausanne

[\*Groups, Arithmetic and Algebraic Geometry Seminar\*](#)**ETH Zürich****Dr. Jan Burczak (Universität Leipzig)**

Title T.B.A.

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

[\*Analysis Seminar\*](#)**EPF Lausanne****Sébastien Neumayer (EPFL)**

Title T.B.A.

16:15 • EPF Lausanne, GA 3 21

[\*Computational Science and Engineering\*](#)**Universität Zürich****Prof. Dr. Alice Guionnet (ENS Lyon)**

About universality in random matrix theory

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

[\*Zurich Colloquium in Mathematics\*](#)

**Universität Bern**

[Einstein Lectures](#)

**Maryna Viazovska (EPF Lausanne)**

[Sphere packings in very big dimensions](#)

17:15 • Universität Bern, Aula, Hauptgebäude

**Wednesday, December 6**

**Université de Fribourg**

[Oberseminar Geometrie](#)

**Naomi Bredon (Uni Fribourg)**

On hyperbolic Coxeter polyhedra with dihedral angles  $\pi/2$ ,  $\pi/3$  and  $\pi/6$

10:20 • Université de Fribourg, 0.05 PER23

**ETH Zürich**

[Algebraic Geometry and Moduli Seminar](#)

**Ajith Urundolil-Kumaran (University of Cambridge)**

Title T.B.A.

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

**Universität Basel**

[Analysis Seminar](#)

**David Meyer (Universität Münster)**

[A vortex ring is a solution of the axisymmetric Euler equations consisting of some torus of concentrated vorticity](#)

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

**Universität Neuchatel**

[Neuchatel - St.Gallen - Zurich Seminar in Coding Theory and Cryptography](#)

**Dr. Boris Fouotsa (EPFL)**

Isogeny Representations and their Applications in Cryptography

15:00 • Uni Neuchatel, E213

**ETH Zürich**

[Geometry Seminar](#)

**Geoffroy Horel (Université Paris 13)**

Binomial rings and homotopy theory

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

**EPF Lausanne**

[Probability \(and Stochastic Analysis\) Seminar](#)

**Piet Lammers (Bernoulli Centre)**

Title T.B.A.

16:00 • EPF Lausanne

**ETH Zürich**

[Zurich Colloquium in Applied and Computational Mathematics](#)

**Prof. Dr. I. Dokmanic (Universität Basel)**

Approximating functions between metric spaces, with a view towards deep learning

16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2

**Universität Zürich**

[Seminar on Stochastic Processes](#)

**Zheng Fang (Universität Zürich, Switzerland)**

Working group step-reinforced random walks: Recurrence of 2D Elephant Random Walk

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

**Universität Bern**

[Einstein Lectures](#)

**Maryna Viazovska (EPF Lausanne)**

[Sphere packings and Fourier interpolation](#)

19:30 • Universität Bern, Aula, Hauptgebäude

**Thursday, December 7**

**ETH Zürich**

[Nachdiplomvorlesung](#)

**Javier Fresán (Sorbonne Université)**

E-functions and geometry

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

**ETH Zürich**

[Inaugural Lectures](#)

**PD Dr. Menny Akka**

Homogeneous spaces: a playground for arithmetic, dynamics, groups and geometry

15:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19

**ETH Zürich**

[ITS Science Colloquium](#)

**Artur Avila (Universität Zürich)**

[Deterministic delocalization](#)

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 7

**ETH Zürich**

[Kolloquium über Mathematik, Informatik und Unterricht](#)

**Stefan Grieder (Kantonsschule Hohe Promenade, Zürich)**

Aufgabenperlen aus *Elemente der Mathematik* 2010 - 2023

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

**ETH Zürich**

[Talks in Financial and Insurance Mathematics](#)

**Nicola Muça Cirone (Imperial College London)**

Neural Signature Kernels

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

## Friday, December 8

**Universität Basel**

[Seminar in Numerical Analysis](#)

**Martin Vohralik (Inria Paris)**

[A posteriori error estimates robust with respect to nonlinearities and final time](#)

11:00 • Universität Basel

**Université de Genève**

[Physical Mathematics Seminar](#)

**Georgios Moschidis (EPFL)**

Turbulence in general relativity

14:00 • Université de Genève, Conseil Général 7-9, Room 1-07

**ETH Zürich**

[Number Theory Seminar](#)

**Dr. Paul Kiefer (Bielefeld University)**

Title T.B.A.

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

**EPF Lausanne**

[Seminar of Analysis](#)

**Denis Serre (ENS Lyon)**

Dispersion and regularity for scalar conservation laws in several space dimensions

14:15 • EPF Lausanne, MA B1 11

**EPF Lausanne**

[Statistics Seminar](#)

**Eardi Lila (University of Washington)**

Title T.B.A.

15:15 • EPF Lausanne,

**ETH Zürich**

[Algebraic Geometry and Moduli Seminar](#)

**Yannick Schuler (University of Sheffield)**

Title T.B.A.

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

## Special Announcements

### [Hans-Sigrist Symposium](#)

Data Science: The Power of the Human Mind for the Sake of Humankind

University of Bern

December 1, 2023

### [Einstein Lectures 2023](#)

Maryna Viazovska (EPF Lausanne)

University of Bern

December 4 – 6, 2023

### [Farewell Lecture Alain Valette](#)

University of Neuchâtel

December 21, 2023

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

Registration deadline November 30, 2023

University of Geneva

January 15 - 17, 2024

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