

**Monday, April 11****Universität Basel****Flavio Salizzoni (Université de Neuchâtel)**

MacWilliams' Extension Theorem for rank-metric codes

12:15 • Universität Basel, Spiegelgasse 5, Seminarraum 05.001 and Zoom

*Bernoullis Tafelrunde***ETH Zürich****Prof. Dr. Claire Burrin (Universität Zürich)**

Windings of closed geodesics around cusps of hyperbolic surfaces

14:05 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

*Ergodic Theory and Dynamical Systems Seminar***Tuesday, April 12****EPF Lausanne****Dr. Geneviève Dusson (CNRS, France)**

Error estimation for electronic structure calculations in materials

09:45 • EPF Lausanne, room GA 3 21 and zoom

*Seminar in Mathematics***EPF Lausanne****Nicola Gambino (University of Leeds)**

The Matrix Product of Coloured Symmetric Sequences

10:15 • EPF Lausanne, Salle MA A3 30

*Séminaire de Topologie***Universität Basel****Julie Déserti (Université d'Orléans)**

The structure of the groups of germs of diffeomorphisms and their formal completions

10:30 • Universität Basel, Spiegelgasse 1, Seminarraum 00.003 and Zoom

*Seminar Algebra & Geometrie***EPF Lausanne****Christian Hirsch (Aarhus University)**

Title T.B.A.

13:00 • EPF Lausanne, online seminar

*Seminar of Applied Topology***EPF Lausanne****Lorenzo Fantini (Ecole Polytechnique, Paris)**

Title T.B.A.

13:15 • EPF Lausanne, room t.b.a.

*Groups, Arithmetic and Algebraic Geometry Seminar***Université de Genève****Elias Polak (Université de Genève)**

The Aufbau principle in the Theory of Operators

14:00 • Université de Genève, Conseil Général 7-9, Room 1-05

*Séminaire d'Analyse Numérique***EPF Lausanne****Dr. Elisabeth Agoritsas (EPF Lausanne)**

Towards a unifying picture of driven disordered systems

14:30 • EPF Lausanne, room GA 3 21 and zoom

*Seminar in Mathematics***Universität Zürich****Prof. Dr. Viviane Baladi (CNRS, Sorbonne Université and ETH-ITS)**

Statistical properties of Sinai billiards obtained via anisotropic spaces

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

*Zurich Colloquium in Mathematics***Université de Fribourg****Dr. Christian Lange (LMU München)**

From billiards to metric geometry

17:15 • Université de Fribourg, room Phys 2.52

*Colloquium*

## Wednesday, April 13

**ETH Zürich**

**Jacob Bedrossian (University of Maryland)**

New and classical perspectives on hydrodynamic stability

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

*Nachdiplomvorlesung*

**ETH Zürich**

**Richard Nickl (University of Cambridge)**

Bayesian non-linear inverse problems: statistical and computational guarantees

10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

*Nachdiplomvorlesung*

**Université de Fribourg**

**Christian Lange (LMU München)**

Recognizing manifolds among orbifolds

10:20 • Université de Fribourg, room Phys 2.52

*Oberseminar Geometrie*

**ETH Zürich**

**Dmitry Kleinbock (Brandeis University)**

Dynamics on homogeneous spaces and new applications to number theory

13:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

*Nachdiplomvorlesung*

**ETH Zürich**

**Dr. Woonam Lim (ETH Zürich)**

Virasoro constraints for sheaves and pairs via wall-crossing in vertex algebra

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

*Algebraic Geometry and Moduli Seminar*

**ETH Zürich**

**Hugo Vanneuille (Institut Fourier, Université Grenoble-Alpes)**

An unbounded nodal surface for 3D analytical Gaussian functions

17:15 • ETH Hönggerberg, Winterthurerstrasse 190, Zürich, Building Y27, Room H12

*Seminar on Stochastic Processes*

## Thursday, April 14

**EPF Lausanne**

**Jakub Witaszek (University of Michigan)**

Title T.B.A.

13:15 • EPF Lausanne, room t.b.a.

*Groups, Arithmetic and Algebraic Geometry Seminar*

**Université de Genève**

**Alexis Virelizier (Université de Lille)**

State sum invariants of homotopy classes of maps

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

*Séminaire de Topologie et Géométrie*

**Universität Basel**

**Ram Murty (Queen's University)**

Probability Theory and the Riemann Hypothesis

17:00 • Universität Basel, Zoom Seminar

*Seminar Zahlentheorie*

## Friday, April 15

*No events scheduled today!*

## Special Announcements

### **Jost Bürgi Symposium 2022**

Renowned speakers report on the exciting work of Jost Bürgi (inventor of logarithms in Toggenburg, watchmaker and astronomer).

Lichtensteig, April 29 - 30, 2022

<https://www.jostbuergi.com/>

### **From Subfactors to Quantum Topology - In memory of Vaughan Jones**

Onsite registration deadline: May 1, 2022

<https://nccr-swissmap.ch/news-and-events/events/subfactors-quantum-topology-memory-vaughan-jones>

University of Geneva  
June 27 - July 1, 2022

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>

