

**Monday, November 22****Universität Basel****Tzu-Jan Li (IMJ-PRG)**

Curtis homomorphisms in invariant theory

12:15 • Universität Basel, Spiegelgasse 1, Seminarraum 00.003 and Zoom

*Bernoullis Tafelrunde***Universität Zürich****Dr. Tasos Moulinos (Institut de Mathématiques de Toulouse)**An  $E_2$ -variant of logarithmic structures in spectral algebraic geometry

13:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

*Oberseminar: Algebraische Geometrie***Universität Zürich****Dr. Mihajlo Cekic (Universität Zürich)**

Ergodicity of frame flows on even-dimensional manifolds

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

*Ergodic Theory and Dynamical Systems Seminar***Universität Bern****Prof. Dr. Andrea Mondino (Oxford University)**

Title T.B.A.

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

*Mathematisches Kolloquium***ETH Zürich****Prof. Dr. Georg Oberdieck (Universität Bonn)**

Title T.B.A.

18:30 • Zoom

*Algebraic Geometry and Moduli Seminar***Tuesday, November 23****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***ETH Zürich****Prof. Dr. Jaouad Mourtada (ENSAE/CREST)**

Distribution-free robust linear regression

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

*Math and Data plus (MAD+)***Université de Genève****Bogdan Stankov (Université de Lyon)**

Exact values of exponential Følner functions and the Coulhon Saloff-Coste inequality

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

*Groupes et Géométrie***Universität Basel****Elisa Gorla (Université de Neuchâtel)**

Title T.B.A.

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

*Seminar Algebra & Geometrie***EPF Lausanne****Kelly Maggs (EPF Lausanne)**

Title T.B.A.

13:00 • EPF Lausanne, Salle MA B2 485

*Seminar of Applied Topology***Université de Genève****Adrien Laurent (University of Bergen)**

A uniformly accurate integrator for the approximation of penalized Langevin dynamics

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

*Séminaire d'Analyse Numérique*

<p><b>EPF Lausanne</b>  <b>Alisa Govzmann (Universität Lëtzebuerg)</b>  Title T.B.A.  14:15 • EPF Lausanne, room MA A1 12 and online</p>	<i>Séminaire de Topologie</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Lénaïc Chizat (EPF Lausanne)</b>  Analysis of gradient descent on wide two-layer ReLU neural networks  14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<i>Math and Data plus (MAD+)</i>
<p><b>ETH Zürich</b>  <b>Dr. Mario Schulz (Universität Münster)</b>  Title T.B.A.  15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43 + Streaming</p>	<i>Analysis Seminar</i>
<p><b>Universität Zürich</b>  <b>Prof. Dr. Jack Thorne (University of Cambridge, UK)</b>  Equidistribution and reciprocity in number theory  16:30 • Zoom</p>	<i>Zurich Colloquium in Mathematics</i>
<p><b>Université de Fribourg</b>  <b>Prof. Dr. Anders Karlsson (Université de Genève)</b>  From linear to metric  17:15 • Université de Fribourg, room Phys 2.52</p>	<i>Colloquium</i>

**Wednesday, November 24**

<p><b>Université de Fribourg</b>  <b>Prof. Dr. Ruth Kellerhals (Université de Fribourg)</b>  The non-arithmetic cusped hyperbolic 3-orbifold of minimal volume  10:20 • Université de Fribourg, room Phys 2.52</p>	<i>Oberseminar Geometrie</i>
<p><b>Universität Basel</b>  <b>Gioacchino Antonelli (Scuola Normale Superiore di Pisa)</b>  The isoperimetric problem on spaces with curvature bounded from below  14:15 • Universität Basel, Zoom Seminar</p>	<i>Seminar in Analysis</i>
<p><b>Universität Zürich</b>  <b>Michele Wigger (Telecom Paris, LTCI (France))</b>  Information-Theoretic Tradeoffs in Distributed Hypothesis Testing  15:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<i>Seminar on Coding Theory and Cryptography</i>
<p><b>ETH Zürich</b>  <b>Dr. Barbara Verfürth (Fakultät für Mathematik, KIT)</b>  Numerical homogenization for nonlinear multiscale problems  16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2</p>	<i>Zurich Colloquium in Applied and Computational Mathematics</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Afonso Bandeira (ETH Zürich, Switzerland)</b>  Title T.B.A.  17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<i>Seminar on Stochastic Processes</i>

**Thursday, November 25**

<p><b>EPF Lausanne</b>  <b>Sergey Arkhipov (Aarhus University)</b>  Logarithmic differential forms on Bott-Samelson varieties and braid relations.  10:15 • EPF Lausanne, Salle MA A1 12</p>	<i>Groups, Arithmetic and Algebraic Geometry Seminar</i>
<p><b>EPF Lausanne</b>  <b>François Loeser (Université Pierre et Marie-Curie)</b>  Title T.B.A.  13:15 • EPF Lausanne, Salle tba</p>	<i>Groups, Arithmetic and Algebraic Geometry Seminar</i>

**Universität Basel**

**Alexei Skorobogatov (Imperial College London)**

Title T.B.A.

17:00 • Universität Basel, Zoom Seminar

*Seminar Zahlentheorie*

**ETH Zürich**

**Giancarlo Copetti (Kantonsschule Schaffhausen)**

Primzahlverteilung, Zetafunktion, RIEMANN'sche Vermutung ... den Vorhang eine Handbreit aufgemacht ...

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

*Kolloquium über Mathematik, Informatik und Unterricht*

**Universität Zürich**

**Alexandre Rege (ETHZ)**

Propagation of velocity moments, regularity and uniqueness for the magnetized Vlasov-Poisson system

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

*PDE and Mathematical Physics*

**ETH Zürich**

**Prof. Dr. Norbert A'Campo (Universität Basel)**

Konstruktion der reellen Zahlen

18:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 3

*Dedekind Lectures*

## Friday, November 26

**EPF Lausanne**

**Peter Hintz (Massachusetts Institute of Technology)**

Title T.B.A.

t.b.a. • EPF Lausanne, room t.b.a.

*Seminar of Mathematical Analysis*

**EPF Lausanne**

**Anastassia Fedyk (UC Berkeley, Haas School of Business)**

Artificial Intelligence, Firm Growth, and Product Innovation

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*

**ETH Zürich**

**Dr. Thorsten Schimannek (University of Vienna)**

Torus fibered Calabi-Yau spaces, modular curves, and Gopakumar-Vafa invariants with discrete charges

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

*Algebraic Geometry and Moduli Seminar*

## Special Announcements

### CIMPA Fellowships

Call for CIMPA Fellowships 2022 "Research in Pairs"

Application deadline

December 31, 2021

<https://www.cimpa.info/en/node/7159>

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