

**Monday, April 15****EPF Lausanne****Claude Marion (Université de Fribourg)**

Deformation theory and finite simple quotients of triangle groups

09:00 • EPF Lausanne, Salle MA A3 31

*Group Theory Seminar***Universität Zürich****Artan Sheshmani (MPIM)**

S-duality and modularity of torsion sheaves

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

*Advanced Seminar in Algebraic Geometry***Université de Neuchâtel****Ana Khukhro (Université de Neuchâtel)**

Percolation on groups

14:00 • Université de Neuchâtel, Rue Emile Argand 11, Auditoire B217

*Groups and analysis***Tuesday, April 16****Université de Genève****David Cimasoni (Université de Genève)**

La température critique du modèle d'Ising sur les Graphes planaires bipériodiques

11:30 • Université de Genève, Salle 623

*Groupes et Géométrie***Université de Genève****Heiko Berninger (Université de Genève)**

The Lax-Milgram Lemma

14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

*Séminaire d'Analyse Numérique***ETH Zürich****Prof. Dr. Enno Lenzmann (Universität Basel)**

Local Monotonicity Formulae and ODE-type theorems for the fractional Laplacian

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

*Analysis Seminar***Université de Genève****Anton Khoroshkin (University of Stony Brook)**

Highest weight categories and Orthogonal polynomials

15:30 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

*Lie groups and moduli spaces***Universität Zürich****Prof. Dr. André Arroja Neves (Imperial College London, UK)**

Minimal surfaces and the Willmore conjecture

17:15 • UZH Zentrum, Building KO2, Room F 150

*Zurich Colloquium in Mathematics***Universität Fribourg****Prof. Dr. Alain-Sol Sznitman (ETHZ)**

Random interlacements and the local geometry of random walks

17:15 • Universität Fribourg, Departement für Mathematik, chemin du musée 3, 1700 Fribourg, Hörsaal 2.52

*Colloquium***Wednesday, April 17****Université de Neuchâtel****Dr. Jun Chen**

A generalized Polya's urn with graph based interactions

10:00 • Université de Neuchâtel, Institut de mathématiques, rue Emile Argand 11, Neuchâtel, Salle B217

*Neuchâtel Probability Seminar*

<p><b>Universität Fribourg</b>  <b>Déserti Julie (Universität Basel)</b>  Embeddings of <math>SL(2, \mathbb{Z})</math> into the Cremona group  10:20 • Universität Fribourg, chemin du musée 23, 1700 Fribourg, room Math II Lonza</p>	<i>Oberseminar Geometrie</i>
<p><b>Universität Bern</b>  <b>Michael Vock (Universität Bern)</b>  Comparing measurement methods: Limits of agreement and related concepts  11:00 • Universität Bern, Alpeneggstr. 22, Room 203</p>	<i>Institute Seminar</i>
<p><b>EPF Lausanne</b>  <b>Boris Pioline (CERN and CRNS)</b>  Quaternion-Kähler moduli spaces from Calabi-Yau threefolds  14:15 • EPF Lausanne, Salle CM 09</p>	<i>Geometry Seminar EPFL</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Yakov Pesin (Penn State University)</b>  Coexistence phenomena in dynamics  15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Geometry Seminar</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Gheorghe Craciun (University of Madison, Wisconsin, USA)</b>  Multiple equilibria, global injectivity and persistence for mathematical models of biological networks  16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2</p>	<i>Colloquium in Applied and Numerical Mathematics</i>
<p><b>Université de Neuchâtel</b>  <b>Christophe Leuenberger (Université de Fribourg)</b>  Mathématiques ludiques  16:15 • Université de Neuchâtel, Rue Emile Argand 11, Aula Unimail, F-0100</p>	<i>Séminaire Mathématiques et Société</i>
<p><b>EPF Lausanne</b>  <b>Prof. Dr. Jean-François Scheid (Université Henri Poincaré, Nancy, France)</b>  Méthodes des caractéristiques pour l'interaction fluide/solide - Application à l'autopropulsion  16:15 • EPF Lausanne, Salle CH B3 31</p>	<i>Computational Science and Engineering</i>
<p><b>Universität Zürich</b>  <b>Yvan Velenik (Université de Genève)</b>  On the phase transition of self-attracting polymers under stretching  17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<i>Seminar on Stochastic Processes</i>
<b>Thursday, April 18</b>	
<p><b>Université de Genève</b>  <b>Rostislav Grigorchuk (Texas A &amp; M University/Université de Genève)</b>  Minicours: "On growth and randomness in group theory". On random invariant subgroups and totally non-free actions  13:00 • Université de Genève, Salle 623</p>	<i>Minicours Université de Genève</i>
<p><b>Universität Basel</b>  <b>Dr. Martin Widmer (Royal Holloway, University of London)</b>  Counting lattice points and o-minimal structures  14:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal</p>	<i>Seminar Zahlentheorie</i>
<p><b>Universität Zürich</b>  <b>Dr. Silvia Falletta (Politecnico di Torino)</b>  A time-dependent absorbing boundary condition for the numerical solution of exterior wave equation problems  16:00 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36</p>	<i>Seminar in Partial Differential Equations and Numerics</i>

**ETH Zürich**

**Dr. Bastian Pentenrieder (Amplitude Capital)**

HFT: one acronym - many flavors

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

*Talks in Financial and Insurance Mathematics*

**ETH Zürich**

**Prof. Dr. Marco Frittelli (University of Milano)**

Title T.B.A.

18:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

*Talks in Financial and Insurance Mathematics*

**Friday, April 19**

**Universität Basel**

**Jan Draisma (Technische Universiteit Eindhoven)**

Maximum-Likelihood duality for determinantal varieties

10:30 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Kleiner Hörsaal

*Seminar Algebra & Geometrie*

**Universität Basel**

**Wolfgang Wendland (Universität Stuttgart)**

Collocation methods for nonlinear Riemann-Hilbert problems on doubly connected domains

11:00 • Universität Basel, Mathematisches Institut, Rheinsprung 21, 4051 Basel, Grosser Hörsaal

*Seminar in Numerical Analysis*

**EPF Lausanne**

**Ivo Dell'Ambrogio (Université de Lille)**

Quillen models for Kasparov categories

14:15 • EPF Lausanne, Salle MA 10

*Séminaire de Topologie*

**ETH Zürich**

**Alexander Sokol (University of Copenhagen)**

Stochastic differential equations as causal models

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

*Statistics Research Seminar*

**ETH Zürich**

**Prof. Dr. Gavril Farkas (Humboldt Universität Berlin)**

Singularities of theta divisors and the geometry of  $A_5$

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

*Algebraic Geometry and Moduli Seminar*

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