

**Monday, December 11****EPF Lausanne***Conference CIB*

Recent Developments on the Arithmetic of Special Values of L-functions

09:00 • EPF Lausanne, Salle BI A0 448

**ETH Zürich***Nachdiplomvorlesung***Prof. Dr. Claire Voisin (Collège de France and ETH-ITS)**

Hyper-Kähler manifolds

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

**EPF Lausanne***DCG DISOPT Seminar***Nabil Mustafa (ESIEE Paris)**

Title T.B.A.

14:00 • EPF Lausanne, Salle MA B1 524

**ETH Zürich***Nachdiplomvorlesung***Prof. Dr. Nalini Anantharaman (Université de Strasbourg)**

Delocalization of Schrödinger eigenfunctions

14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

**Université de Genève***Séminaire de Mathématique Physique***Sanjay Ramassamy (École Normale Supérieure de Lyon)**

Miquel dynamics on circle patterns

15:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17

**ETH Zürich***Symplectic Geometry Seminar***Yoel Groman (Columbia University, USA)**

Wrapped Floer theory and Homological mirror symmetry for toric Calabi-Yau manifolds

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

**ETH Zürich***Zurich Colloquium in Applied and Computational Mathematics***Dr. Sarah Eberle (Mathematisches Institut, Universität Tübingen)**

FEM-BEM coupling for wave-type equations in 3d

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 22

**Universität Bern***Mathematisches Kolloquium***Prof. Dr. Urs Lang (ETH Zurich)**

Higher rank hyperbolicity in spaces of nonpositive curvature

17:15 • Universität Bern, Sidlerstrasse 5, 3012 Bern, ExWi B78

**Tuesday, December 12****EPF Lausanne***Conference CIB*

Recent Developments on the Arithmetic of Special Values of L-functions

09:00 • EPF Lausanne, Salle BI A0 448

**Universität Bern***Geometric Analysis Seminar***Urs Lang (ETH Zürich)**

Rank-n-Hyperbolic Spaces

10:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Room B13

**Université de Genève***Groupes et Géométrie***Enrico Leuzinger (KIT Karlsruhe)**

Filling functions of arithmetic groups

10:30 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

<p><b>Universität Basel</b>  <b>Sara Durighetto (Università degli Studi di Ferrara )</b>            Title T.B.A.            10:30 • Universität Basel, Departement Mathematik und Informatik, Spiegelgasse 1, ground floor</p>	<i>Seminar Algebra &amp; Geometrie</i>
<p><b>EPF Lausanne</b>  <b>Max Reppen (ETH Zürich)</b>            Optimal dividend policies with random profitability            12:00 • EPF Lausanne, Quartier UNIL - Dorigny, Salle Extranef 126</p>	<i>Talks in Mathematical Finance</i>
<p><b>Université de Genève</b>  <b>Kostas Zygalakis (University of Edinburgh)</b>            Ergodic Stochastic Differential Equations and Sampling: A numerical analysis perspective            14:00 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623</p>	<i>Séminaire d'Analyse Numérique</i>
<p><b>ETH Zürich</b>  <b>Vladimir Vovk (Royal Holloway University of London)</b>            A probability-free theory of continuous martingales with applications to equity premium and CAPM            15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<i>Talks in Financial and Insurance Mathematics</i>
<p><b>ETH Zürich</b>  <b>Dr. Matthias Erbar (Universität Bonn)</b>            A gradient flow approach to the Boltzmann equation            15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Analysis Seminar</i>
<p><b>EPF Lausanne</b>  <b>Prof. Dr. Martin Jaeggi (EPF Lausanne)</b>            Title T.B.A.            16:15 • EPF Lausanne, Salle GR A3 32</p>	<i>Computational Science and Engineering</i>
<p><b>Université de Neuchâtel</b>  <b>Matthew Tointon (Université de Neuchâtel)</b>            Horofunctions and growth in groups            17:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile - Argand 11, Salle B103</p>	<i>Colloque du Mardi</i>
<p><b>Université de Fribourg</b>  <b>Prof. Dr. Maryna Viazovska (EPF Lausanne)</b>            Title T.B.A.            17:15 • Université de Fribourg, room Phys 2.52</p>	<i>Colloquium</i>
<b>Wednesday, December 13</b>	
<p><b>EPF Lausanne</b>            Recent Developments on the Arithmetic of Special Values of L-functions            09:00 • EPF Lausanne, Salle BI A0 448</p>	<i>Conference CIB</i>
<p><b>ETH Zürich</b>  <b>Dr. Gareth Peters (University College London)</b>            Statistical Machine Learning Methods for Risk and Insurance            10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Nachdiplomvorlesung</i>
<p><b>Université de Fribourg</b>  <b>Florian Besau (Frankfurt)</b>            Floating bodies in hyperbolic and spherical geometry            10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room</p>	<i>Oberseminar Geometrie</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Alessandro Chiodo (Université Jussieu)</b>            Title T.B.A.            13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Algebraic Geometry and Moduli Seminar</i>

<p><b>ETH Zürich</b>  <b>Dawid Kielak (Universität Bielefeld)</b>  Title T.B.A.  15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Geometry Seminar</i></p>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Olaf Steinbach (TU Graz, Österreich)</b>  Coercive space-time finite element methods  16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2</p>	<p><i>Zurich Colloquium in Applied and Computational Mathematics</i></p>
<p><b>Thursday, December 14</b></p>	
<p><b>EPF Lausanne</b>  Recent Developments on the Arithmetic of Special Values of L-functions  09:00 • EPF Lausanne, Salle BI A0 448</p>	<p><i>Conference CIB</i></p>
<p><b>Universität Basel</b>  <b>Sara Durighetto (Università degli Studi di Ferrara)</b>  Title T.B.A.  12:15 • Universität Basel, Departement Mathematik und Informatik, Spiegelgasse 5, Seminarraum 05.002</p>	<p><i>Bernoullis Tafelrunde</i></p>
<p><b>Université de Genève</b>  <b>Arunima Ray (Brandeis University)</b>  Title T.B.A.  14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17</p>	<p><i>Séminaire de Topologie et Géométrie</i></p>
<p><b>Universität Basel</b>  <b>Ariyan Javanpeykar (Universität Mainz)</b>  Seminar Zahlentheorie  14:15 • Universität Basel, Spiegelgasse 1, Seminarraum 05.001</p>	<p><i>Seminar Zahlentheorie</i></p>
<p><b>ETH Zürich</b>  <b>Pavel Mnev (University of Notre Dame, Indiana, USA)</b>  Abelian 2-dimensional BF theory as a twisted <math>N=(2,2)</math> superconformal field theory  15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Talks in Mathematical Physics</i></p>
<p><b>Université de Genève</b>  <b>Zsolt Patakfalvi (EPF Lausanne)</b>  Title T.B.A.  16:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17</p>	<p><i>Colloque de Mathématiques</i></p>
<p><b>ETH Zürich</b>  <b>Tim Verdonck (KU Leuven)</b>  Efficient estimation of higher order comoments  17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Talks in Financial and Insurance Mathematics</i></p>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Juraj Hromkovic und Urs Hauser (ETH Zürich)</b>  Synchronisierter Unterricht von Vektorgeometrie und Physik  17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 3</p>	<p><i>Kolloquium über Mathematik, Informatik und Unterricht</i></p>
<p><b>EPF Lausanne</b>  <b>Prof. Dr. Joan Coates (University of Cambridge)</b>  Non-Vanishing of some Birch-Swinnerton-Dyer L-values  17:15 • EPF Lausanne, Salle BI A0 448</p>	<p><i>Bernoulli Lectures</i></p>

<b>Friday, December 15</b>	
<b>EPF Lausanne</b> Recent Developments on the Arithmetic of Special Values of L-functions 09:00 • EPF Lausanne, Salle BI A0 448	<i>Conference CIB</i>
<b>Université de Genève</b> <b>Niklas Beisert (ETH Zürich)</b> Yangian Symmetry and Integrability of Planar N=4 SYM 13:30 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge	<i>Lie groups and moduli spaces</i>
<b>Université de Neuchâtel</b> <b>Alejandro Vargas de Leon (Universität Bern)</b> Catalan-many tropical morphisms to trees 14:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile - Argand 11, room B103	<i>InterCity Seminar BeNeFri</i>
<b>EPF Lausanne</b> <b>Prof. Dr. Wilfried Gangbo (UCLA)</b> Laplacien et mouvement Brownien sur l'ensemble des mesures de probabilités 14:15 • EPF Lausanne, Salle MA A3 31	<i>Séminaire d'Analyse</i>
<b>ETH Zürich</b> <b>Dr. Daniel Barrera Salazar (UPC Barcelona)</b> Title T.B.A. 14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Number Theory Seminar</i>
<b>Université de Neuchâtel</b> <b>Davide Bolognini (Université de Fribourg)</b> Binomial edge ideals for bipartite graphs 15:30 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile - Argand 11, room B103	<i>InterCity Seminar BeNeFri</i>
<b>ETH Zürich</b> <b>Ignacio Barros (Humboldt Universität Berlin)</b> Geometry of the moduli of n-pointed K3 surfaces of genus 11 16:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Algebraic Geometry and Moduli Seminar</i>
<b>EPF Lausanne</b> <b>Carlo Ciccarella (EPF Lausanne)</b> Optimal solution and asymptotic properties of a stochastic control problem arising in sailboat trajectory optimization 17:15 • EPF Lausanne, Salle MA B1 11	<i>Soutenance de Thèse</i>

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