

**Monday, April 13****EPF Lausanne***Courses CIB***François Gay-Balmaz (Ecole Normale Supérieure de Paris)**

Geometric variational methods for liquid crystals

10:00 • EPF Lausanne, BI A0 448

**Universität Zürich***Advanced Seminar in Algebraic Geometry***Prof. Dr. Jacques Tilouine (Université Paris 13)**Big image of Galois representations associated to  $p$ -adic families of modular forms with positive slope

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

**Universität Bern***Mathematisches Kolloquium***Dr. Joel Adler (PH Bern)**

The model companion of the class of pseudo-complemented semilattices is finitely axiomatizable

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

**Tuesday, April 14****ETH Zürich***ITS Informal Analytic Number Theory Seminar***Prof. Dr. Özlem Imamoglu (ETH Zürich, Switzerland)**

Modular integrals and Dirichlet series

10:15 • ETH Zentrum, Building CLV, Room B 4

**ETH Zürich***Nachdiplomvorlesung***Prof. Dr. Giuseppe Mingione (Università degli Studi di Parma)**

Nonlinear aspects of Calderon-Zygmund theory

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

**Université de Genève***Groupes et Géométrie***Norbert Peyerimhoff (University of Durham)**

Trivalent expanders, Delta-Y transformations and hyperbolic surfaces

10:30 • Université de Genève, Salle 623

**Université de Genève***Séminaire d'Analyse Numérique***Bart Vandereycken (Université de Genève)**

Title T.B.A.

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

**EPF Lausanne***Geometry Seminar EPFL***Emily Cliff (University of Oxford)**

Constructing factorization spaces and chiral algebras from the Hilbert scheme of points

15:15 • EPF Lausanne, Salle MA A3 30

**EPF Lausanne***Séminaire d'Analyse***Prof. Dr. Lambertus A. Peletie (University of Leiden, The Netherlands)**

Title T.B.A.

15:15 • EPF Lausanne, Salle CM 012

**Université de Genève***Lie groups and moduli spaces***Chris Rogers (Universität Greifswald)**

Equivariant cohomology, homotopy moment maps, and gauged sigma models

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

<p><b>Université de Neuchâtel</b>  <b>Gilles Godefroy (Université Pierre et Marie Curie (Paris VI))</b>  Title T.B.A.  17:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile-Argand 11, CH-2000 Neuchâtel, Room B103</p>	<i>Colloque du Mardi</i>
<p><b>Universität Zürich</b>  <b>Prof. Dr. Angelika Steger (ETH Zurich)</b>  The determinism of randomness and its use in combinatorics  17:15 • UZH Zentrum, Building KO2, Room F 150</p>	<i>Zurich Colloquium in Mathematics</i>
<p><b>Université de Fribourg</b>  <b>Prof. Dr. Mario Salvetti (Università di Pisa)</b>  Some topological results on Configuration Spaces obtained by combinatorial methods  17:15 • Université de Fribourg, room Phys 2.52</p>	<i>Colloquium</i>
<b>Wednesday, April 15</b>	
<p><b>EPF Lausanne</b>  <b>François Gay-Balmaz (Ecole Normale Supérieure de Paris)</b>  Geometric variational methods for liquid crystals  10:00 • EPF Lausanne, BI A0 448</p>	<i>Courses CIB</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Henryk Iwaniec (Rutgers University &amp; ETH-ITS)</b>  Analytic theory of L-functions  10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Nachdiplomvorlesung</i>
<p><b>Université de Fribourg</b>  <b>Dr. Bernhard Mühlherr (Giessen)</b>  Tits-indices, affine Coxeter groups and buildings  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>Dr. Alessandro Sisto (ETH Zürich)</b>  Mapping Class Groups and Gromov-hyperbolicity I  13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Algebraic Geometry and Moduli Seminar</i>
<p><b>Universität Basel</b>  <b>Gyula Csató (TU Dortmund)</b>  Results and conjectures about some isoperimetric problems with density  15:15 • Universität Basel, Spiegelgasse 1, 4051 Basel, Raum 00.003</p>	<i>Seminar in Analysis</i>
<p><b>ETH Zürich</b>  <b>Jouni Parkkonen (University of Jyväskylä, Finland)</b>  C-Fuchsian subgroups of Picard modular groups  15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Geometry Seminar</i>
<p><b>ETH Zürich</b>  <b>Friedrich Leisch (Universität Wien)</b>  FLEXIBLE IMPLEMENTATION OF RESAMPLING SCHEMES FOR CLUSTER VALIDATION  16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<i>ZüKoSt Zürcher Kolloquium über Statistik</i>
<p><b>EPF Lausanne</b>  <b>Bernard Dacorogna (EPF Lausanne)</b>  Inclusion différentielles, Lemme de Baire et applications aux immersions Lipschitziennes isométriques et origamis  16:15 • EPF Lausanne, Salle GC C3 30</p>	<i>Séminaire de Géométrie et Systèmes dynamiques</i>

**Universität Zürich**

**Emmanuel Jacob (CNRS, Lyon)**

Spatial Preferential Attachment Networks

17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

*Seminar on Stochastic Processes*

**Thursday, April 16**

**Universität Basel**

**Jet Hoe Tang (Universität Basel)**

Title T.B.A.

12:15 • Universität Basel, Spiegelgasse 5, Seminarraum 05.002

*Bernoullis Tafelrunde*

**EPF Lausanne**

**Rémi Coulon (Université de Rennes)**

Groupes de torsion agissant sur un espace CAT(0)

13:00 • EPF Lausanne, Salle MA 30

*Ergodic and Geometry Group Theory*

**EPF Lausanne**

**Gautam Iyer (Carnegie Mellon University)**

Homogenization and Anomalous Diffusion

14:00 • EPF Lausanne, Salle BI A0 448

*Séminaire Centre Interfacultaire Bernoulli*

**ETH Zürich**

**Roman Riser (University of Leuven)**

Fine Asymptotic Behavior in Eigenvalues of Random Normal Matrices

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

*Talks in Mathematical Physics*

**Université de Genève**

**Matthias Christandl (University of Copenhagen)**

From Pauli's Principle to Fermionic Entanglement

16:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17

*Colloque de Mathématiques*

**ETH Zürich**

**Artem Neklyudov (Université de Lausanne)**

Title T.B.A.

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

*Talks in Financial and Insurance Mathematics*

**Friday, April 17**

**ETH Zürich**

**Prof. Dr. Jacob Fox (Stanford University)**

Regularity Methods in Combinatorics

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

*Nachdiplomvorlesung*

**ETH Zürich**

**Philippe Michel (EPF Lausanne)**

On moments of L-functions

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

*Number Theory Seminar*

**EPF Lausanne**

**Prof. Dr. Qian Wang (University of Oxford)**

Title T.B.A.

15:15 • EPF Lausanne, Salle MA A3 31

*Séminaire d'Analyse*

**Universität Bern**

**Dr. Kaspar Rufibach (Roche, Basel)**

Bayesian Predictive Power: Update After a Blinded Interim Analysis and Choice of Prior

16:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, ExWi B 78

*Colloquia on Probability and Statistics*

**ETH Zürich**

**Dr. Martijn Kool (Utrecht)**

Stable pair invariants and surfaces with holomorphic 2-form

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

*Algebraic Geometry and Moduli Seminar*

**ETH Zürich**

**Dr. Thomas Hudson (POSTECH, Korea)**

Fundamental classes of full and symplectic flag bundles in algebraic cobordism

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

*Algebraic Geometry and Moduli Seminar*

### Special Announcements

#### **Journée Georges de Rham**

Robert Adler (Technion)

Wilfrid Kendall (Warwick)

EPF Lausanne, April 22, 2015

[http://math.cuso.ch/index.php?id=2607&L=0&clear\\_cache=1&tx\\_displaycontroller\[table\]=members&tx\\_displaycontroller\[showUid\]=2156](http://math.cuso.ch/index.php?id=2607&L=0&clear_cache=1&tx_displaycontroller[table]=members&tx_displaycontroller[showUid]=2156)

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