

Monday, March 19

Universität Basel

*Seminar on Coding Theory and Cryptography***Olav Geil (Aalborg University, Denmark)**

Three applications of the footprint bound

12:00 • Universität Basel, Mathematisches Institut, Rheinsprung 21, Basel, Grosser Hörsaal

ETH Zürich

*Algebra-Topology Seminar***Olivier Schiffmann (Institut de Mathématiques de Jussieu, Paris)**The Hall algebra of $\text{Spec}(Z)$

12:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Université de Neuchâtel

*Workshop on the Connes'embedding conjecture, Neuchâtel, 23-27 April 2012***Valerio Capraro (Université de Neuchâtel)**

Minicourse "Introduction to Connes's embedding conjecture"

14:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile Argand 11, Auditoire B104

ETH Zürich

*Symplectic Geometry Seminar***Jonathan Evans (ETH Zürich)**

Pseudoholomorphic curves and nilpotent Lie algebras

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

EPF Lausanne

*Statistics Seminar***Prof. Dr. Bin Yu (University of California at Berkeley)**

Sparse Modeling: Unified Theory and Movie Reconstruction based on Brain Signal

15:15 • EPF Lausanne, Salle CM 1105

Université de Genève

*Séminaire de Mathématique Physique***Raphael Cerf (Université Orsay)**Nucleation and growth for the Ising model in d dimensions at very low temperatures

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

ETH Zürich

*Optimization and Applications Seminar***Dr. Paul Goulart (Automatic Control Laboratory of ETH Zurich)**

Performance bounds and robust control for constrained systems

16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

Universität Zürich

*Seminar in Partial Differential Equations***Dr. Thomas Schmidt (Universität Zürich)**

Regularity results for the elliptic Monge-Ampère equation

17:00 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12

Universität Bern

*Mathematisches Kolloquium***Prof. Dr. Cornelia Schiebold (Mid Sweden University)**

An operator theoretic approach to soliton equations and noncommutative integrable systems

17:15 • Universität Bern, Sidlerstrasse 5, ExWi, Room B 78

Tuesday, March 20

EPF Lausanne

*Group Theory Seminar***Prof. Dr. Steve Donkin (University of York, UK)**

Title T.B.A.

10:15 • EPF Lausanne, Salle MA A3 31

Université de Neuchâtel

*Groups and analysis***Antoine Gournay (Université de Neuchâtel)**

Poincaré inequalities and actions on Banach spaces, II

10:30 • Université de Neuchâtel, Rue Emile Argand 11, Auditoire B217

<p>EPF Lausanne Bill Dwyer (University of Notre Dame, USA) Title T.B.A. 14:15 • EPF Lausanne, Salle CM 012</p>	<p><i>Séminaire de Topologie</i></p>
<p>ETH Zürich Prof. Dr. Jean-Yves Chemin (Université Paris 6) Large slowly varying global solutions to the incompressible Navier-Stokes equations 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Analysis Seminar</i></p>
<p>Université de Genève Christophe Zbinden (Université de Genève) On conjugate-symplecticity of implicit Runge-Kutta methods 15:15 • Université de Genève, Section Mathématique, 2-4 rue du Lièvre, salle 623</p>	<p><i>Séminaire d'Analyse Numérique</i></p>
<p>ETH Zürich Bin Yu (University of California, Berkeley) Spectral clustering and high-dim stochastic block model for undirected and directed graphs 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<p><i>Statistics Research Seminar</i></p>
<p>Université de Neuchâtel Yves Barral (ETH Zürich) La Bio est-elle résistante aux Maths? 16:15 • Université de Neuchâtel, Rue Emile Argand 11, Auditoire B013</p>	<p><i>Colloque du Mardi</i></p>
<p>Université de Fribourg Prof. Dr. Tan Ser Peow (National University of Singapore) Length series identities on hyperbolic surfaces 17:15 • Université de Fribourg, Département de Mathématiques, chemin du musée 3, 1700 Fribourg, room 2.52 (Physikgebäude)</p>	<p><i>Colloquium</i></p>
<p>ETH Zürich Prof. Dr. Rahul Pandharipande (ETH Zürich) Moduli Spaces in Algebraic Geometry 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room F 30</p>	<p><i>Inaugural Lectures</i></p>
<p>Wednesday, March 21</p>	
<p>Universität Basel Lisa Beck (Universität Bonn) An introduction to (partial) regularity theory for elliptic problems 15:00 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal</p>	<p><i>Seminar in Numerical Analysis</i></p>
<p>ETH Zürich Prof. Dr. Ivan Oseledets (Russian Academy of Sciences, Moscow) Computational tensor methods and their applications 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2</p>	<p><i>Colloquium in Applied and Numerical Mathematics</i></p>
<p>Thursday, March 22</p>	
<p>Université de Neuchâtel Thibault Pillon (Université de Neuchâtel) Poincaré inequalities and actions on Banach spaces, III 10:30 • Université de Neuchâtel, Rue Emile Argand 11, Auditoire B217</p>	<p><i>Groups and analysis</i></p>
<p>Université de Genève Jerôme Scherer (EPF Lausanne) Equivariant Chern classes and conjugation spaces 14:15 • Université de Genève, Section Mathématiques 2-4 rue du Lièvre, salle 17</p>	<p><i>Séminaire Théorie des Nœuds</i></p>

ETH Zürich

Seminar in Partial Differential Equations and Numerics

Prof. Dr. Patrick Ciarlet, Jr. (ENSTA ParisTech)

Practical tools to solve indefinite problems

16:00 • ETH Zentrum, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12

ETH Zürich

Talks in Financial and Insurance Mathematics

Prof. Dr. Henrik Shahgholian (The Royal Institute of Technology of Sweden)

Problems in mathematical finance with free boundaries

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

Universität Zürich

Workshop in Analysis

Prof. Dr. Itai Shafrir (Technion - Israel Institute of Technology)

Title T.B.A.

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

Friday, March 23

Université de Fribourg

Oberseminar Geometrie

Prof. Dr. Tan Ser Peow (National University of Singapore)

Title T.B.A.

10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room

ETH Zürich

Number Theory Seminar

Prof. Dr. Winfried Kohnen (Universität Heidelberg)

Conic theta functions

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

ETH Zürich

Statistics Research Seminar

Marc Hallin (Universität Brüssel)

One-Sided Representations of Generalized Dynamic Factor Models

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

ETH Zürich

Algebraic Geometry and Moduli Seminar

Jacopo Stoppa (University of Cambridge, UK)

A degeneration formula for quiver moduli and its Gromov-Witten equivalent

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

Special Announcements

Number Theory Days

ETH Zürich

March 30-31, 2012

<http://www.math.ethz.ch/~kowalski/ntd-2012.html>

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