

Monday, October 8

EPF Lausanne

George McNinch (Tufts University, Medford, USA)

Title T.B.A.

10:15 • EPF Lausanne, Salle MA A3 31

Group Theory Seminar

Universität Zürich

Dr. Moritz Kerz (Universität Regensburg)

Deformation of algebraic cycle classes

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

Advanced Seminar in Algebraic Geometry

ETH Zürich

Luis Diogo (ETH Zürich)

Symplectic homology rings via Gromov-Witten theory

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

Symplectic Geometry Seminar

Université de Genève

Christophe Sabot (Université Lyon 1)

Edge reinforced random walks, Vertex reinforced jump process, and the SuSy hyperbolic sigma model.

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

Séminaire de Mathématique Physique

ETH Zürich

Prof. Dr. Mirjam Dür (Universität Trier, Deutschland)

Copositive optimization, the copositive cone, and its relation with Parrilo's approximations

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

Optimization and Applications Seminar

Universität Fribourg

Prof. Dr. JAC Weideman (University of Stellenbosch, South Africa)

Efficient Contours for the Numerical Computation of the Bromwich Integral

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

Colloquium

Universität Zürich

Prof. Dr. Tobias Lamm (Karlsruher Institut für Technologie)

Quantitative rigidity results for conformal immersions

17:15 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12

Seminar in Partial Differential Equations

Tuesday, October 9

Université de Genève

Sebastien Loisel (Heriot-Watt University, Edinburgh)

Title T.B.A.

15:15 • Université de Genève, Salle 623

Séminaire d'Analyse Numérique

Université de Neuchâtel

Hugues Mercier (Université de Neuchâtel)

Synchronization of Communication Systems: A New Paradigm

16:15 • Université de Neuchâtel, Rue Emile Argand 11

Colloque du Mardi

Universität Fribourg

Prof. Dr. Bob Russell (Burnaby University, Canada)

Comparison of Adaptive Mesh Generation

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

Colloquium

Wednesday, October 10

ETH Zürich

Geometry Seminar

Alexander Gorodnik (University of Bristol/FIM)

Title T.B.A.

15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

ETH Zürich

Seminar on Stochastic Processes

Alan Hammond (University of Oxford)

Coagulation and diffusion: a probabilistic perspective on the Smoluchowski PDE

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

Thursday, October 11

Université de Neuchâtel

Neuchatel Probability Seminar

Bastien Marmet (Université de Neuchâtel, Suisse)

Introduction aux mesures quasi-stationnaires

10:00 • Université de Neuchâtel, Institut de mathématiques, rue Emile Argand 11, Neuchâtel, Salle B217 (2ème étage)

ETH Zürich

Colloquium in Applied and Numerical Mathematics

Prof. Dr. Holger Rauhut (University of Bonn, Germany)

Compressive sensing with structured random matrices

10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.1

EPF Lausanne

Séminaire Centre Interfacultaire Bernoulli

Philippe Michel (EPF Lausanne)

Linnik's ergodic method and representations of binary forms by quaternary forms

11:15 • EPF Lausanne, SB-CIB, Station 15, Auditoire AAC 0 06

Université de Genève

Groupes et Géométrie

Laurent Bartholdi (Universität Göttingen)

Croissance de groupes et de semi groupes

12:45 • Université de Genève, Salle 623

ETH Zürich

Colloquium in Applied and Numerical Mathematics

Prof. Dr. Annalisa Buffa (University of Pavia, Italy)

New tools in the numerical analysis of PDEs: isogeometric methods

13:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.1

ETH Zürich

Talks in Mathematical Physics

Yuri Berest (Cornell University and FIM)

Topics in noncommutative geometry (minicourse) 1/5

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

Universität Zürich

Seminar in Partial Differential Equations and Numerics

Prof. Dr. Guido Schneider (Universität Stuttgart)

Validity and non-validity of the NLS approximation

16:00 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

ETH Zürich

Talks in Financial and Insurance Mathematics

Prof. Dr. Jin-Chuan Duan (National University of Singapore)

Price and Volatility Dynamics Implied by the VIX Term Structure

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

Universität Zürich

Workshop in Analysis

Dr. Karen Yeressian Negarchi (TU Darmstadt)

Title T.B.A.

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

Friday, October 12

Universität Basel

Seminar Algebra & Geometrie

Hanspeter Kraft (Universität Basel)

Endomorphisms of Varieties (joint work with Rafael Andrist)

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

Universität Basel

Seminar in Numerical Analysis

Stefan Volkwein (Universität Konstanz)

A posteriori error analysis for optimal control problems governed by partial differential equations

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

ETH Zürich

Number Theory Seminar

Prof. Dr. Bjorn Poonen (MIT, USA)

Modeling the distribution of Selmer groups, Shafarevich-Tate groups, and ranks of elliptic curves

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

EPF Lausanne

Séminaire de Topologie

Kathryn Hess (EPF Lausanne)

Duality, descent and extensions

14:15 • EPF Lausanne, Salle MA 10

Universität Basel

BFZ Seminar in Analysis - Basel, Fribourg, Zurich

Laure Saint-Raymond (ENS Paris)

About the mathematical derivation of Ohm's law

15:30 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal

Universität Basel

BFZ Seminar in Analysis - Basel, Fribourg, Zurich

Thomas Duyckaerts (Université Paris 13)

Classification of solutions of the radial energy-critical wave equation

17:00 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal

Special Announcements

Ostrowski Symposium and Award Ceremony

University of Basel

October 18-19, 2012

<http://math.unibas.ch/aktuelles/veranstaltungsdetails/article/ostrowski-symposium-und-feierliche-preisverleihung>

SMS Fall Meeting 2012 and General Assembly

EPF Lausanne

October 19-20, 2012

<http://www.math.ch/activities/fall-meeting-2012/>

Discuss recent overthrow in publication culture:

- Mathematicians take a stand <http://arxiv.org/abs/1204.1351>
- Gowers's Weblog <http://gowers.wordpress.com/>

Alan Turing year 2012

SSLPS Conference

ETH Zürich

October 26-27, 2012

<http://www.sslps.unibe.ch/meetings.html>