

Monday, February 16**Université de Genève***Séminaire d'Analyse Numérique***Jérôme Michaud (Université de Genève)**

From Neutrino Radiative Transfer in Core-Collapse Supernovae to Fuzzy Domain Based Coupling Methods

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

Universität Bern*Mathematisches Kolloquium***Prof. Dr. Jörg Winkelmann (Ruhr-Universität Bochum)**

Generalizing the degree of a polynomial: Measuring the growth of an analytic map

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

Tuesday, February 17**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***Vadim Kaimanovich (University of Ottawa)**

Random walks with the same Poisson boundary

10:30 • Université de Genève, Salle 623

EPF Lausanne*Séminaire Centre Interfacultaire Bernoulli***Seiichiro Kusuoka (Tohoku University)**

Hölder and Lipschitz continuity of the solutions to parabolic equations of non-divergence type

14:00 • EPF Lausanne, Salle BI A0 448

Université de Genève*Séminaire d'Analyse Numérique***Ron Haynes (Memorial University, Canada)**

An overview of some DD methods for PDE based mesh generation

14:00 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

EPF Lausanne*Geometry Seminar EPFL***Florent Schaffhauser (Universidad de Los Andes, Chile)**

On the mod 2 cohomology of moduli spaces of Real vector bundles

15:15 • EPF Lausanne, Salle MA A3 30

Wednesday, February 18**Université de Fribourg***Oberseminar Geometrie***Jung Kyu Canci (Universität Basel)**

Quadratic maps with a marked periodic point of small order

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

ETH Zürich*Algebraic Geometry and Moduli Seminar***Prof. Dr. Paul Biran (ETH Zürich, Switzerland)**

The Lagrangian cubic equation

14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2

ETH Zürich*Zurich Colloquium in Applied and Computational Mathematics***Prof. Dr. Claude Bardos (Laboratoire Jacques Louis Lions Paris and University of Paris 7, France)**

Appearance of turbulence in the Euler limit with Boundary effects

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2

EPF Lausanne

Prof. Dr. Wulfram Gerstner (EPF Lausanne)

Mean-field methods for the dynamics of populations of neurons

16:15 • EPF Lausanne, Salle CM 1 221

Computational Science and Engineering

Universität Zürich

Robin Stephenson (Universität Zürich)

Local convergence of large critical multi-type Galton-Watson trees and applications to random maps

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

Seminar on Stochastic Processes

Thursday, February 19

EPF Lausanne

Nóra Szoke (EPF Lausanne)

Title T.B.A.

10:15 • EPF Lausanne, Salle CM 106

Séminaire de Topologie

EPF Lausanne

Joachim Rosenthal (Universität Zürich)

Semirings, Semigroup Actions and their use for Cryptographic Protocols

14:15 • EPF Lausanne, Salle MA A3 30

Séminaire d'Algèbre et de Théorie des Nombres

Université de Genève

Athanase Papadopoulos (IRMA, Strasbourg)

Sur quelques résultats classiques de géométrie sphérique

14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17

Séminaire de Topologie et Géométrie

ETH Zürich

Pavol Severa (Universität Genf)

Quantization of Lie bialgebras and moduli spaces of flat connections

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

Talks in Mathematical Physics

Universität Zürich

Prof. Dr. Tomas Caraballo (Universidad de Sevilla)

Pullback attractions for random and non-autonomous dynamical systems: an introduction with applications

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

Workshop in Analysis

ETH Zürich

Prof. Dr. Edward Furman (York University, Canada)

Paths and indices of maximal tail-dependence

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

Talks in Financial and Insurance Mathematics

Universität Zürich

Prof. Dr. Mario Pulvirenti (University La Sapienza)

Title T.B.A.

18:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36

Seminar in Partial Differential Equations

Friday, February 20

EPF Lausanne

John Rust (University of Maryland)

Title T.B.A.

10:30 • EPF Lausanne, Quartier UNIL - Dorigny, Extranef, Salle 126

Talks in Mathematical Finance

Universität Basel

Jörg Winkelmann (Ruhr-Universität Bochum)

Title T.B.A.

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

Seminar Algebra & Geometrie

Universität Basel*Seminar in Numerical Analysis***Timo Betcke (University College London)**

BEM++ - Efficient solution of boundary integral equation problems

11:00 • Universität Basel, Mathematisches Institut, Spiegelgasse 5, 4051 Basel, Raum 05.002

Université de Genève*Séminaire d'Analyse Numérique***Max Pfeffer (TU Berlin)**

Title T.B.A.

11:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

EPF Lausanne*Séminaire Centre Interfacultaire Bernoulli***Vassili Kolokoltsov (University of Warwick)**

Generalized Mass Action Law and Thermodynamics for Nonlinear Markov Processes

14:00 • EPF Lausanne, Salle BI A0 448

ETH Zürich*Algebraic Geometry and Moduli Seminar***E. Clader / F. Janda (ETH Zurich)**

Title T.B.A.

14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

EPF Lausanne*Statistics Seminar***Dr. Katharine Turner (University of Chicago)**

Functional PCA of persistent homology rank functions

15:15 • EPF Lausanne, Salle MA 31

EPF Lausanne*Séminaire d'Analyse***Dr. Carla Cederbaum (Universität Tübingen)**

Title T.B.A.

15:15 • EPF Lausanne, Salle MA A3 31

Universität Bern*Colloquia on Probability and Statistics***Dr. Günter Sawitzki (Universität Heidelberg)**

Image Fusion: Reconstructing Memories

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

Special Announcements**Séminaire Borel:***High-dimensional expanders*

Les Diablerets

March 8-13, 2015

<http://borel2015.unige.ch/>

address: Marianne Pfister, Departement Mathematik, ETH Zürich, Rämistrasse 101, CH-8092 Zürich
email: smg@math.ethz.ch | fax: +41 44 632 1085 | phone: +41 44 632 5615 | url: <http://www.math.ch>

