Monday, December 9

Universität Zürich   *Advanced Seminar in Algebraic Geometry*

Dr. Ulrich Derenthal (Ludwig-Maximilians-Universität München)

Strong approximation and descent

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

ETH Zürich   *Symplectic Geometry Seminar*

Gabriel Paternain (Cambridge University)

Spectral rigidity and invariant distributions on Anosov manifolds

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

EPF Lausanne   *Geometry Seminar EPFL*

Carl Mautner (Universität Bonn)

Title T.B.A.

15:15 • EPF Lausanne, Salle MA A1 10

Université de Genève   *Séminaire de Mathématique Physique*

Ron Rosenthal (Université de Genève)

Title T.B.A.

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

ETH Zürich   *Optimization and Applications Seminar*

Prof. Dr. Neil Olver (VU University Amsterdam, Netherlands)

Pipage Rounding, Pessimistic Estimators and Matrix Concentration

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

Universität Bern   *Mathematisches Kolloquium*

Prof. Dr. Alessandra Iozzi (ETH Zürich)

Rotation number, old and new

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

Universität Zürich   *Seminar in Partial Differential Equations*

Prof. Dr. Filippo Cagnetti (University of Sussex)

The rigidity problem for symmetrization inequalities

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

Tuesday, December 10

ETH Zürich   *Nachdiplomvorlesung*

Prof. Dr. Thomas Mikosch (University of Copenhagen, Denmark)

Time series models with heavy tails

10:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

EPF Lausanne   *Group Theory Seminar*

Steve Donkin (University of New York)

Some Remarks on Gill's Theorems On Young Modules

10:15 • EPF Lausanne, Salle MA A1 12

Université de Genève   *Groupes et Géométrie*

Pascal Schweitzer (ETH Zürich)

Quasioutomorphism Groups of Free Groups and Their Transitivity Properties

10:30 • Université de Genève, Salle 623

Université de Genève *Séminaire d'Analyse Numérique*
David Cohen (Umea University, Sweden)
A trigonometric method for the linear stochastic wave equation
14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

Universität Zürich *Zurich Colloquium in Mathematics*
Prof. Dr. Martin Hairer (The University of Warwick, United Kingdom)
Dynamics near criticality
17:15 • UZH Zentrum, Building KO2, Room F 150

Universität Fribourg *Colloquium*
Prof. Dr. Serge Cantat (Université de Rennes)
The Cremona Group
17:15 • Universität Fribourg, Hörsaal 2.52, Physikgebäude, 1700 Fribourg

EPF Lausanne *Bernoulli Lectures*
Johannes Sjoestrand (Ecole Polytechnique Paris)
Bernoulli Lecture IV - Eigenvalue distribution for non-self-adjoint differential operators, with and without analyticity
17:15 • EPF Lausanne, Salle BI AO 478

Wednesday, December 11

ETH Zürich *Nachdiplomvorlesung*
Prof. Dr. Mihalis Dafermos (University of Cambridge, UK)
The geometry and analysis of black holes in general relativity
10:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Université de Fribourg *Oberseminar Geometrie*
Daniele Valtorta (EPF Lausanne)
Quantitative stratication and applications to harmonic functions
10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room

EPF Lausanne *Computational Science and Engineering*
Dr. Virginie Erlacher (CERMICS, Paris)
Greedy algorithms for electronic structure calculations in quantum chemistry
14:15 • EPF Lausanne, Salle GR A3 30

Universität Basel *Seminar in Analysis*
Daniele Bartolucci (University of Rome Tor Vergata)
Critical Mean Field Equations on multiply connected domains
15:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal

ETH Zürich *Seminar on Stochastic Processes*
Xue-Mei Li (University of Warwick)
Stochastic flows and Derivative flows for SDE with irregular coefficients
17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Thursday, December 12

ETH Zürich *Talks in Mathematical Physics*
Daniele Valeri (SISSA, Trieste)
Classical W-algebras and applications
15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Universität Zürich *Seminar in Partial Differential Equations and Numerics*
Prof. Dr. Jesús Maria Sanz Serna (University of Valladolid)
New uses of B-series
16:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

Universität Basel   *Perlen-Kolloquium*
Prof. Dr. Jean-Louis Colliot-Thélène (CNRS und Universität Paris-Sud)
Unverzweigte Kohomologie
16:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal

ETH Zürich   *Talks in Financial and Insurance Mathematics*
Prof. Dr. Thomas Mikosch (University of Copenhagen)
A Fourier analysis of extreme events
17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Friday, December 13

EPF Lausanne   *Séminaire de Topologie*
Ricardo Andrade (Université Paris XIII)
Title T.B.A.
14:15 • EPF Lausanne, Salle MA 30

EPF Lausanne   *Statistics Seminar*
Dr. Irina Irincheeva (Nestle Institute of Health Sciences)
Exploring for non-random missingness
15:15 • EPF Lausanne, Salle MA 10

ETH Zürich   *Algebraic Geometry and Moduli Seminar*
Dr. Christian Böhning (Universität Hamburg)
Title T.B.A.
16:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43