Monday, April 27

Université de Genève   *Groupes et Géométrie*
Alex Lubotzky (Hebrew University & ITS-ETHZ)
Sieve methods in group theory
13:15 • Université de Genève, Salle 623

Universität Zürich   *Advanced Seminar in Algebraic Geometry*
Prof. Dr. José Burgos Gill (ICMAT)
The singularities of the invariant metric of the sheaf of Jacobi forms on the universal elliptic curve
13:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

ETH Zürich   *Nachdiplomvorlesung*
Prof. Dr. Yurii Nesterov (Université catholique de Louvain (UCL))
Complexity and Simplicity of Optimization Problems
14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

Université de Neuchâtel   *Groups and analysis*
Zachiri McKenzie (University of Gothenburg, Sweden)
Model Theory - Session 2
15:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile-Argand 11, CH-2000 Neuchâtel, Room B217

ETH Zürich   *Symplectic Geometry Seminar*
Kathrin Näf (ETH Zürich)
On the existence of infinitely many invariant Reeb orbits
15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

ETH Zürich   *Optimization and Applications Seminar*
Prof. Dr. Jens Vygen (Universität Bonn)
Reassembling Trees for the Traveling Salesman
16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

Universität Bern   *Mathematisches Kolloquium*
Prof. Dr. Luca Martinazzi (Universität Basel)
Problems of prescribed curvatures on surfaces and parametrizations of planar curves
17:15 • Universität Bern, Sidlerstrasse 5, 3012 Bern, ExWi B78

Tuesday, April 28

ETH Zürich   *ITS Informal Analytic Number Theory Seminar*
Prof. Dr. Emmanuel Kowalski (ETH Zürich, Switzerland)
Equidistribution properties of Mellin transforms over finite fields, following N. Katz
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-Zymund theory
10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Université de Genève   *Groupes et Géométrie*
Yash Lodha (EPF Lausanne)
A nonamenable finitely presented group of piecewise projective homeomorphisms
10:30 • Université de Genève, Salle 623

EPF Lausanne *Talks in Mathematical Finance*
Peter Glynn (Stanford University)
Creating Unbiased Monte Carlo Schemes from Biased Ones: Theory and Applications
12:00 • EPF Lausanne, Quartier UNIL - Dorigny, Extranef, Salle 126

Université de Genève *Groupes et Géométrie*
Thierry Giordano (University of Ottawa)
Equivalence orbitale des systèmes dynamiques minimaux de Cantor et leurs spectres (continus)
13:30 • Université de Genève, Salle 623

EPF Lausanne *Séminaire Centre Interfacultaire Bernoulli*
François-Xavier Vialard (Université Paris-Dauphine)
Variational problems on the group of smooth diffeomorphisms with applications to diffeomorphic image registration
14:00 • EPF Lausanne, Salle BI A0 448

Université de Genève *Séminaire d'Analyse Numérique*
Véronique Martin (Université de Picardie-Jules Verne, Amiens)
Méthodes de décomposition de domaine hétérogènes
14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

Université de Neuchâtel *Groups and analysis*
Alex Lubotzky (Hebrew University of Jerusalem)
Quantum error correcting codes and 4 - dimensional arithmetic hyperbolic manifol ds
15:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile-Argand 11, CH-2000 Neuchâtel, Room B217

Université de Genève *Lie groups and moduli spaces*
Samuel Monnier (Universität Zürich)
Anomalies and extended field theories - Part 1
15:00 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

EPF Lausanne *Geometry Seminar EPFL*
Paul Zinn-Justin (Université Jussieu, Paris)
Title T.B.A.
15:15 • EPF Lausanne, Salle MA A3 30

EPF Lausanne *Séminaire d'Algèbre et de Théorie des Nombres*
Uriya First (University of British Columbia)
On Rationally Isomorphic Quadratic Forms
15:15 • EPF Lausanne, Salle MA A3 31

Wednesday, April 29

ETH Zürich *Nachdiplomvorlesung*
Prof. Dr. Henryk Iwaniec (Rutgers University & ETH-ITS)
Analytic theory of L-functions
10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Université de Fribourg *Oberseminar Geometrie*
Jordane Granier (Université de Fribourg)
Sous-groupe discret de PU(2; 1) avec l'éponge de Menger pour ensemble limite
10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room

ETH Zürich *Algebraic Geometry and Moduli Seminar*
Prof. Dr. Dragos Oprea (UC San Diego)
The Chern character of the Verlinde bundle I
13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Universität Basel *Seminar in Analysis*
Bernard Dacorogna (EPF Lausanne)
Some recent results on the Jacobian equation
15:15 • Universität Basel, Spiegelgasse 1, 4051 Basel, Raum 00.003

ETH Zürich *Geometry Seminar*
Athanase Papadopoulos (Université de Strasbourg)
Title T.B.A.
15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

ETH Zürich *Zurich Colloquium in Applied and Computational Mathematics*
Prof. Dr. Zdzislaw Brzezniak (University of York)
Finite element based discretisations of the incompressible Navier-Stokes equations with multiplicative random forcing
16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2

EPF Lausanne *Computational Science and Engineering*
Prof. Dr. Illia Horenko (Institute of Computational Science, USI, Lugano)
Challenges of data analysis in a multiscale context: causality inference and unresolved scales
16:15 • EPF Lausanne, Salle CM 1 221

EPF Lausanne *Séminaire de Géométrie et Systèmes dynamiques*
Yann Brenier (CNRS)
A modified least action principle allowing dissipation of energy Un principe de moindre action modifiè permettant de dissiper l'énergie
16:15 • EPF Lausanne, Salle GC C3 30

Universität Zürich *Seminar on Stochastic Processes*
Roman Vershynin (University of Michigan)
Concentration of random graphs
17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

Thursday, April 30

Université de Genève *Lie groups and moduli spaces*
Samuel Monnier (Universität Zürich)
Anomalies and extended field theories - Part 2
10:00 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

EPF Lausanne *Group Theory Seminar*
Peter Webb (University of Minneapolis)
The projective dimension of Mackey functors
10:15 • EPF Lausanne, Salle MA A1 12

EPF Lausanne *Ergodic and Geometry Group Theory*
Laurent Bartholdi (Universität Göttingen)
Title T.B.A.
13:00 • EPF Lausanne, Salle MA 30

Université de Genève *Séminaire de Topologie et Géométrie*
Renaud Detcherry (Université Paris 6)
Asymptotique de produits scalaires en TQFT
14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17

EPF Lausanne *Séminaire d'Algèbre et de Théorie des Nombres*
Marusia Rebolledo (Université Blaise Pascal Clermont-Ferrand 2)
Courbes modulaires associées aux groupes de Cartan non déployés (et à leur normalisateur)
14:15 • EPF Lausanne, Salle GR A3 30

ETH Zürich *ITS Science Colloquium*
Alex Lubotzky (ETH-ITS and Hebrew University, Jerusalem)
Real applications of non real numbers
16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room F 1

ETH Zürich *Talks in Financial and Insurance Mathematics*

Christa Cuchiero (Universität Wien)
Title T.B.A.
17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

EPF Lausanne *Mathematics Colloquium*

Prof. Dr. Henryk Iwaniec (University of Warsaw)
The exceptional Character Extravaganza
17:15 • EPF Lausanne, Salle MA 11

Universität Zürich *Workshop in Analysis*

Prof. Dr. Josef Bemelmans (RWTH Aachen)
Archimedes - Geometer from ancient times or Fellow of another college?
17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

Universität Zürich *Seminar in Partial Differential Equations*

Dr. Brian Krummel (University of Cambridge)
Fine structure and higher regularity of the branch sets
18:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36

Friday, May 1

EPF Lausanne *Seminar of Applied Topology*

Martina Scolamiero (KTH Royal Institute of Technology, Sweden)
Invariants for multidimensional persistence
14:15 • EPF Lausanne, Salle CM 09

Special Announcements

Analytic aspects of number theory
ETH Zürich
Mai 18-22, 2015

http://www.fim.math.ethz.ch/conferences/2015/Workshop_Analytic