Monday, May 27

ETH Zürich   *Talks in Mathematical Physics*
Workshop on Analytical Aspects of Mathematical Physics
• ETH Hönggerberg, Building HIT, Room E 51

EPF Lausanne   *Group Theory Seminar*
Donna Testermann (EPF Lausanne)
Overgroups of regular elements in reductive algebraic groups
09:00 • EPF Lausanne, Salle MA A3 31

Universität Zürich   *Seminar on Coding Theory and Cryptography*
Michael Kiermaier (Universität Bayreuth)
Intersection numbers of q-analogs of designs
11:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 28

Universität Zürich   *Seminar on Coding Theory and Cryptography*
Jens Zumbrägel (University College Dublin, Ireland)
On the Function Field Sieve and the Impact of Higher Splitting Probabilities
13:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 28

Universität Zürich   *Advanced Seminar in Algebraic Geometry*
Prof. Dr. Dan Edidin (University of Missouri)
Riemann-Roch for Deligne-Mumford stacks
13:15 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

Université de Neuchâtel   *Groups and analysis*
Ralph Strebel (Université de Fribourg)
Introduction à la théorie des invariants Sigma
14:00 • Université de Neuchâtel, Rue Emile Argand 11, Auditoire B217

ETH Zürich   *Optimization and Applications Seminar*
Prof. Dr. Laurence Wolsey (Catholic University of Louvain, Belgien)
On the Facets of Continuous Knapsack Constraints
16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

Universität Bern   *Mathematisches Kolloquium*
Prof. Dr. Jean-Claude Picaud (Université de Tours)
Counting orbit points and beyond, One and Two
17:15 • Universität Bern, Sidlerstrasse 5, 3012 Bern, ExWi B78

Tuesday, May 28

ETH Zürich   *Talks in Mathematical Physics*
Workshop on Analytical Aspects of Mathematical Physics
• ETH Hönggerberg, Building HIT, Room E 51

Université de Genève   *Groupes et Géométrie*
Ashot Minasyan (University of Southampton, UK)
Residual finiteness of outer automorphism Groups
11:30 • Université de Genève, Salle 623

Université de Genève   *Séminaire d'Analyse Numérique*
Xiao-Weng Chang (McGill University)
Effectiveness of the LLL lattice reduction in solving integer least squares problems
14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

ETH Zürich — *Analysis Seminar*
Prof. Dr. Olivier Ley (University of Rennes)
Title T.B.A.
15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

ETH Zürich — *Talks in Financial and Insurance Mathematics*
Richard Martin (Longwood Credit Partners LLP, Imperial College London, and University College London)
Optimal Trading under Proportional Transaction Costs
15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

ETH Zürich — *Analysis Seminar*
Dr. Esther Cabezas-Rivad (Universität Münster)
A generalization of Gromov's almost flat manifold theorem
16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Universität Fribourg — *Colloquium*
Dr. Stefan Bechtluft-Sachs (University of Maynooth, Ireland)
A minimal model for the rational homotopy type of a Riemannian manifold
17:15 • Universität Fribourg, Hörsaal 2.52, Physikgebäude, 1700 Fribourg

Wednesday, May 29

ETH Zürich — *Talks in Mathematical Physics*
Workshop on Analytical Aspects of Mathematical Physics
• ETH Hönggerberg, Building HIT, Room E 51

Universität Bern — *Institute Seminar*
Michael Vock (Universität Bern)
Sind meine Daten signifikant?" - Aspekte statistischer Beratung
10:15 • Universität Bern, Alpeneggstr. 22, Room 203

Université de Fribourg — *Oberseminar Geometrie*
Jonathan Pfaff (HCM Universität Bonn)
Analytic torsion on hyperbolic manifolds of finite volume I
10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room

ETH Zürich — *Geometry Seminar*
Prof. Dr. Manfred Einsiedler (ETH Zürich, Switzerland)
Integer points on spheres and their orthogonal complement
15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Universität Zürich — *Seminar on Stochastic Processes*
Hugo Duminil-Copin (Université de Genève)
Absence of percolation for critical Bernoulli percolation on planar slabs
16:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

ETH Zürich — *Colloquium in Applied and Numerical Mathematics*
Martin Bauer (Universität Wien)
Riemannian Geometry of Shape Spaces
16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2

EPF Lausanne — *Computational Science and Engineering*
Kevin Burrage (University of Oxford, UK and Queensland, Austalia)
Nonlocal methods for modelling the electrophysiology of the human heart
16:15 • EPF Lausanne, Salle CH B3 31

Universität Zürich *Seminar on Stochastic Processes*
Ivan Corwin (MIT, USA)
Integrable (stochastic) interacting particle systems
17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

Thursday, May 30

ETH Zürich *Talks in Mathematical Physics*
Workshop on Analytical Aspects of Mathematical Physics
• ETH Hönggerberg, Building HIT, Room E 51

ETH Zürich *Talks in Mathematical Physics*
Dr. Bruno Vallette (Université de Nice)
Givental action is homotopy gauge symmetry
15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Université de Genève *Colloque de Mathématiques*
Walter Gautschi (Purdue University)
Numerical integration: How to deal with singularities?
16:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17

ETH Zürich *Talks in Financial and Insurance Mathematics*
Dr. Valeria Bignozzi (ETH Zürich, Switzerland)
Dynamic risk measurement and expectiles
17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

EPF Lausanne *Bernoulli Lectures*
David Ruelle (IHES, Paris)
Lecture III: Nonequilibrium Statistical Mechanics: From Heat Transport To Hydrodynamic Turbulence
17:15 • EPF Lausanne, Salle CM1

Friday, May 31

ETH Zürich *Talks in Mathematical Physics*
Workshop on Analytical Aspects of Mathematical Physics
• ETH Hönggerberg, Building HIT, Room E 51

Universität Basel *Seminar Algebra & Geometrie*
Adrien Dubouloz (Université de Bourgogne)
Title T.B.A.
10:30 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Kleiner Hörsaal

ETH Zürich *Number Theory Seminar*
Prof. Dr. Ngaiming Mok (The University of Hong Kong)
Germs of measure-preserving holomorphic maps from bounded symmetric domains to their Cartesian products
14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Special Announcements

Geometry and Analysis on groups
Neuchâtel, May 30-31, 2013
http://members.unine.ch/antoine.gournay/gaaog/

Calculus of Variations and Differential Equations
Conference in Honour of Bernard Dacorogna
EPFL, June 10 - 12, 2013
http://caa.epfl.ch/60_ans.html