Monday 7.11.2011

UNIVERSITÄT ZÜRICH   Arbeitsgemeinschaft in Codierungstheorie und Kryptographie
DAVIDE SCHIPANI (Universität Zürich)
On the Rabin cryptosystem and signature
12:00 h. Institut für Mathematik, Winterthurerstr. 190, Zürich-Irchel, Hörsaal Y27H35/36

UNIVERSITÄT ZÜRICH   Oberseminar: Algebraische Geometrie
ALEXANDER SCHMITT (Freie Universität Berlin)
Betti numbers of the moduli space of rank 4 Higgs bundles on a curve
13.15-14.45 h. Institut für Mathematik, Winterthurerstr. 190, Zürich-Irchel, Hörsaal Y27H25

ETH / UNI ZÜRICH   Symplectic Geometry Seminar
OLIVER FABERT (University of Freiburg, Germany)
Computing descendants in SFT and stable hypersurfaces in symplectic blow-ups
15:15 h. ETH Zürich, Rämistr. 101, room HG G 43

ETH / UNI ZÜRICH   Optimization and Applications Seminar
MARTIN HENK (University of Magdeburg)
On Feasibility of Integer Knapsacks
16:30 h. ETH Zürich, Rämistr. 101, room HG G 19.1
Coffee: 16:10-16:30

UNIVERSITÄT BERN   Mathematisches Kolloquium
JANOS PACH (Université de Genève)
Conway's Thrackle Conjecture
17.15 h. Institut für exakte Wissenschaften, Sidlerstrasse 5, Bern, Hörsaal B 78

Tuesday 8.11.2011

UNIVERSITÉ DE GENÈVE   Séminaire "Groupes et géométrie"
MICHAEL BJÖRKLUND (ETH Zürich)
Ergodic theory and sumsets
10:30 h. Section de mathématiques, 2-4, rue du Lièvre, Genève-Acacias, salle 623

UNIVERSITÉ DE NEUCHÂTEL   Séminaire "Groupes et analyse"
VALERIO CAPRARO (Université de Neuchâtel)
Topology on locally finite metric spaces
10:30 h. Institut de mathématiques, rue Emile Argand 11, Neuchâtel, Salle B104

EPF LAUSANNE   Group Theory Seminar
REBECCA WALDECKER (University of Halle)
"The Z^*-project"
12:45 h. Bâtiment de Mathématiques, Ecublens, Salle MA A3 30

UNIVERSITÉ DE GENÈVE   Séminaire "Groupes de Lie et espaces de modules"
13:30, h. MICHEL BRION (Université de Grenoble)
Restriction of representations and projection of coadjoint orbits
15.15 h. SAMUEL MONNIER (ENS Paris)
Anomalies, quadratic refinements and index theory
Université de Genève, Section de mathématiques, room Villa Battelle

Tuesday **8.11.2011**	**EPF LAUSANNE** Patrick Müller (EPFL) *Homotopic descent over monoidal model categories II* 14:15 h. Bâtiment de Mathématiques, Ecublens, Salle MA 10, (premier étage)	Séminaire de topologie

UNIVERSITÉ DE GENÈVE   Séminaire d'analyse numérique
Jens Lang (Technische Universität Darmstadt)
Linearly Implicit Methods for Optimal Control Problems
15.15 h. Section de mathématiques, 2-4, rue du Lièvre, Genève-Acacias, salle 623

UNIVERSITÉ DE NEUCHÂTEL   Colloque
Urs Lang (ETH Zürich)
Injective hulls in metric geometry and geometric group theory
16:15 h. Institut de mathématiques, rue Emile Argand 11, Neuchâtel, Auditoire B013 (Rez-de-chaussée)
Le colloque sera suivi d'un apéro

UNIVERSITÉ DE FRIBOURG   Colloquium
Michel Deville (EPFL)
Elements spectraux pour les ecoulements turbulents: une route vers le petaflop
17:15 h. Bâtiment de physique, chemin du musée 3, Fribourg, salle 2.52
http://www.unifr.ch/math/colloquia.php

ETH / UNI ZÜRICH   Zurich Graduate Colloquium
Camilo Arias Abad (University of Zurich)
What is... Thom's Cobordism Theorem?
17.15 h. University of Zürich, Karl-Schmid-Str. 4, room KO2F150

Wednesday **9.11.2011**	**EPF LAUSANNE** Stanislav Volkov (University of Bristol) *Forest fires with a single ignition point* 10:15 h. EPFL, Ecublens, GR A3 31	Seminar of Probability and Stochastic Process

UNIVERSITÉ DE FRIBOURG   Oberseminar Geometrie
Athanase Papadopoulos (IRMA Strasbourg)
The Finsler geometry of Teichmüller space
10.20 h. Seminarraum Mathematik II (Lonza Gebäude), Fribourg
http://commonweb.unifr.ch/math/seminars/Osgeom-top.html

ETH / UNI ZÜRICH   Geometry Seminar
Jouni Parkkonen (University of Jyväskylä, Finland)
Counting common perpendiculars in negative curvature
15:45 h. ETH Zürich, Rämistr. 101, room HG G 43

UNIVERSITÄT BASEL   30. Basler Kolloquium für Mathematiklehrpersonen
Albrecht Beutelspacher (Universität Giessen)
Das Mathematikum in Giessen: Mathematik für alle
17.15 h. Mathematisches Institut, Rheinsprung 21, Basel, grosser Hörsaal
Tee ab 16.30 Uhr im 1. Untergeschoss

ETH / UNI ZÜRICH   Seminar on Stochastic Processes
Stefan Adams (University of Warwick))
Random field of gradients
17:15 h. ETH Zürich, Rämistr. 101, room HG G 43

Thursday **10.11.2011**	**UNIVERSITÄT BASEL** FRITS BEUKERS (Utrecht University) *Power values of divisor sums* 14:15 h. Mathematisches Institut, Rheinsprung 21, Basel, grosser Hörsaal	Seminar Zahlentheorie

UNIVERSITÉ DE GENÈVE Séminaire de Théorie des nœuds
NATHAN HABEGGER (Université de Nantes)
Links, Homotopy and finite type Invariants (a joint work with Jean-Baptiste Meilhan)
14:15 h. Section de mathématiques, 2-4, rue du Lièvre, Genève-Acacias, salle 623

UNIVERSITÄT BASEL Perlen-Kolloquium am Departement Mathematik
FRITS BEUKERS (Utrecht University)
A-hypergeometric functions
16.15 h. Mathematisches Institut, Rheinsprung 21, Basel, grosser Hörsaal
Anschliessend wird ein Apèro offeriert

UNIVERSITÄT ZÜRICH Promotionskolloquium
BEAT SCHAAD (Universität Zürich)
Qualitative Features of Solutions of KdV and mKdV on the Circle
16:15 h. Institut für Mathematik, Winterthurerstr. 190, Zürich-Irchel, Hörsaal Y27H28

ETH ZÜRICH Kolloquium über Mathematik, Informatik und Unterricht
OLIVER LABS (Universität Köln)
Zur visuellen und inneren Schönheit algebraischer Flächen
17:15 h. Hauptgebäude der ETH, Rämistr. 101, Zürich, Hörsaal HG F7

ETH ZÜRICH Talks in Financial and Insurance Mathematics
DAMIR FILIPOVIC (EPFL)
The Term Structure of Interbank Risk
17:15 h. ETH Zürich, Rämistr. 101, room HG G 43

Friday **11.11.2011**	**UNIVERSITÄT BASEL** WINFRIED BRUNS (Universität Osnabrück) *Hilbert depth and Stanley decomposition* 10:15 h. Mathematisches Institut, Rheinsprung 21, Basel, kleiner Hörsaal	Seminar Algebra & Geometrie

UNIVERSITÉ DE GENÈVE Research seminar in statistics
JEAN-MICHEL LOUBES (Université de Toulouse Paul Sabatier)
Towards adaptivity for non parametric instrumental variable regression
11:15 h. Université de Genève, salle 5220

ETH ZÜRICH Number Theory Seminar
NOAH GIANSIRACUSA (University of Zurich)
GIT compactifications of $M_{(}0,n)$ and flips
14.15 h. ETH Zürich, Rämistr. 101, room HG G 43

EPF LAUSANNE Séminaire de Statistique
CARL SCARROTT (University of Canterbury)
Non-stationary Extreme Value Mixture Modelling with Application to Pollution Modelling
15:15 h. EPFL, Ecublens - Salle MA A3 30 - Bâtiment MA
http://smat.epfl.ch/seminar/seminar.php

ETH ZÜRICH Research Seminar in Statistic
FLORIAN FROMMLET (University of Wien)
Modifications of BIC for model selection under sparsity: Theory and applications in genetics
15:15 h. ETH Zürich, Rämistr. 101, room HG G 19.1

Friday **ETH ZÜRICH**	Algebraic Geometry and Moduli Seminar

Friday
11.11.2011

ETH ZÜRICH   Algebraic Geometry and Moduli Seminar

LOTHAR GOETTSCHE (ICTP / Bonn)
tba
16:00 h. ETH Zürich, Rämistr. 101, room HG G 43

UNIVERSITÄT BERN   Martin's Days
Analysis Conference in Honour of HANS MARTIN REIMANN's 70th Birthday

14:00-14:05 h. Opening 14:05-14:50 h.
EERO SAKSMAN (University of Helsinki)
BMO, quasiconformal maps, and rotation
15:00-15:30 h. KATRIN FÄSSLER (University of Bern)
A stretch map on the Heisenberg group
16:00-16:30 h. DANIEL AALTO (University of Helsinki)
Auditory illusions and mathematics of hearing
16:45-17:30 h. PIERRE PANSU (University of Paris)
Heisenberg group and a problem in theoretical computer science, after Naor et al

Institute of Mathematics, University of Bern, Sidlerstrasse 5, Lecture Hall B5
17:30 Apero

Saturday
12.11.2011

UNIVERSITÄT BERN   Martin's Days
Analysis Conference in Honour of HANS MARTIN REIMANN's 70th Birthday

09:00-09:45 h. STAS SMIRNOV (University of Geneva)
Quasiconformal maps and harmonic measure
10:00-10:45 h. GUY DAVID (University of Paris)
Should we solve the Plateau problem again?
11:00-11:45 h. HELI TUOMINEN (University of Jyväskylä)
Pointwise properties of BV-functions in metric spaces
13:45-14:30 h. LUCA CAPOGNA (University of Minnesota)
An extremal problem in quasiconformal mappings from a PDE point of view
14:45-15:15 h. ALESSANDRO OTTAZZI (University of Milano)
Ultrarigid tangents of sub-Riemannian nilpotent groups
15:45-16:15 h. THOMAS ZÜRCHER (University of Jyväskylä)
Generalized Hausdorff dimension distortion under mappings of finite exponentially integrable distortion
16:30-17:00 h. IOANNIS PLATIS (University of Crete)
Basic quasiconformal deformations in complex hyperbolic quasi–Fuchsian space

Institute of Mathematics, University of Bern, Sidlerstrasse 5, Lecture Hall B5
17:45 Apero/Diner

Sunday
13.11.2011

UNIVERSITÄT BERN   Martin's Days
Analysis Conference in Honour of HANS MARTIN REIMANN's 70th Birthday

10:00-10:45 h. ROBERTO MONTI (University of Padova)
The regularity problem for sub-Riemannian geodesics
11:00.11:45 h. BURCHARD KAUP (University of Fribourg)
About Music, the Violin and Mathematics
11:45-12:00 h. Closing
Institute of Mathematics, University of Bern, Sidlerstrasse 5, Lecture Hall B5