



SMS Swiss Mathematical Society SMG

Bulletin no 13 Autumn term 2011 12.12. – 16.12.2011

Monday
12.12.2011

UNIVERSITÄT BASEL

THORSTEN KLEINJUNG (EPFL)

Using Edwards curves in the elliptic curve method

12:00 h. Institute of Mathematics, Rheinsprung 21, Basel, "Grosser Hörsaal"

Seminar in coding theory and cryptography

ETH ZÜRICH

DUSKO BODGDANIC (ETH Zürich)

Cyclotomic Hecke algebras and quantum groups

12:15 h. ETH Zürich, Rämistr. 101, room HG G 43

Algebra-Topology Seminar

UNIVERSITÉ DE GENÈVE

AGLAIA MYROPOLSKA (Université de Genève)

Outer space and its spine

12:15 h. Section de mathématiques, 2-4, rue du Lièvre, Genève-Acacias, salle 623

Séminaire Avancé "Groupes Libres"

UNIVERSITÄT ZÜRICH

JULIE DESERTI (University of Basel)

About the birational maps of the complex projective plane

13:15-14:45 h. Institut für Mathematik, Winterthurerstr. 190, Zürich-Irchel, Hörsaal Y27H25

Oberseminar: Algebraische Geometrie

ETH ZÜRICH

YANKI LEKILI (University of Cambridge)

Fukaya category of the punctured torus

15:15 h. Dept. of Mathematics, Rämistr. 101, room HG G 43

Symplectic Geometry Seminar

UNIVERSITÉ DE GENÈVE

GADY KOZMA (Weizman institute)

tba

16:15 h. Section de mathématiques, 2-4, rue du Lièvre, Genève-Acacias, salle 17

Séminaire de Mathématique Physique

EPF LAUSANNE

RAHUL PANDHARIPANDE (ETH Zürich)

Counting curves on $K3$ surfaces

17:15 h. EPFL, Ecublens, Salle - CM4

Mathematics Colloquium

Tuesday
13.12.2011

UNIVERSITÉ DE NEUCHÂTEL

JULIE DESERTI (Université de Bâle)

Le groupe de Cremona est hopfien

11:00 h. Institut de mathématiques, rue Emile Argand 11, Neuchâtel, Salle B104 (bâtiment B, 1er étage)

Attention à l'heure (11:00)

Séminaire "Groupes et analyse"

UNIVERSITÉ DE GENÈVE

VLADAS SIDORAVICIUS (IMPA)

tba

15:15 h. Section de mathématiques, 2-4, rue du Lièvre, Genève-Acacias, salle 623 (6ème étage)

Séminaire de Mathématique Physique

Tuesday
13.12.2011

EPF LAUSANNE

NADIA MAZZA (Lancaster University)
On Knörr lattices

12:45 h. Bâtiment de Mathématiques, Ecublens, room MA A3 30

Séminaire "Théorie des Groupes"

EPF LAUSANNE

ALEXANDER MERKURJEV (UCLA)
Essential dimension of simple algebras

15:15 h. Bâtiment de Mathématiques, Ecublens, Salle MA 31 - 3ème étage

Séminaire d'algèbre et de théorie des nombres

ETH ZÜRICH

SIMON BRENDLE (University of Stanford)
Rigidity questions involving scalar curvature

15:15 h. ETH Zürich, Rämistr. 101, room HG G 43

See: December 16

Analysis Seminar / FIM Minicourse

UNIVERSITÉ DE NEUCHÂTEL

JULIE DESERTI (Université de Bâle)
The Cremona Group

16.15 h. Institut de mathématiques, rue Emile Argand 11, Neuchâtel, Auditoire B013 (Rez-de-chaussée)

Le colloque sera suivi d'un apéro

Colloque du Mardi

UNIVERSITÉ DE FRIBOURG

UWE SEMMELMANN (University of Stuttgart)
Dirac operators and non-existence of almost complex structures

17.15 h. Bâtiment de physique, chemin du musée 3, Fribourg, room 2.52

<http://www.unifr.ch/math/colloquia.php>

Colloquium

ETH / UNI ZÜRICH

ANKE POHL (ETH Zürich)
What is... the Transfer Operator Method?

17.15 h. University of Zürich, Karl-Schmid-Str. 4, room KO2F150

Zurich Graduate Colloquium

Wednesday
14.12.2011

UNIVERSITÉ DE FRIBOURG

IGOR RIVIN (University of Temple)
Asymptotic properties of infinite groups

10.20 h. Seminarraum Mathematik II (Lonza Gebäude), Fribourg

<http://commonweb.unifr.ch/math/seminars/Osgeom-top.html>

Oberseminar Geometrie

UNIVERSITÄT BERN

MICHAEL MAYER (University of Bern)
L- and Generalized L-Statistics - An Overview

11:00 h. Institute of Mathematical Statistics and Actuarial Science, Alpeneggstr. 22, Seminar room -203

Institute Seminar

ETH / UNI ZÜRICH

ANKE POHL (ETH Zürich)
Period functions for Maass cusp forms via symbolic dynamics

15:45 h. Dept. of Mathematics, Rämistr. 101, room HG G 43

Geometry Seminar

UNIVERSITÉ DE NEUCHÂTEL

DAVID GINSBOURGER (Université de Berne)
Hasard et reconstruction de fonctions

17:15 h. Université de Neuchâtel, rue Emile Argand 11, Aula Unimail, AUM

Séminaire Mathématiques et Société

- Wednesday**
14.12.2011
- ETH / UNI ZÜRICH** Seminar on Stochastic Processes
MARTIN BARLOW (University of Vancouver)
Energy of cutoff functions and heat kernel upper bounds
17:15 h. ETH Zürich, Rämistr. 101, room HG G 43
- Thursday**
15.12.2011
- UNIVERSITÄT BASEL** Seminar Zahlentheorie
OEZLEM IMAMOGLU (ETH Zürich)
Period polynomials of modular forms
14.15 h. Mathematisches Institut, Rheinsprung 21, Basel, grosser Hörsaal
- ETH / UNI ZÜRICH** Talks in Mathematical Physics
CAMILO ARIAS ABAD (University of Zurich)
Reidemeister torsion and de-Rham theorem
15:15 h. ETH Zürich, Rämistr. 101, room HG G 43
- UNIVERSITÄT BASEL** Perlen-Kolloquium
MARTIN J. GANDER (Université de Genève)
Von Euler, Schwarz, Ritz und Galerkin zum Modernen Wissenschaftlichen Rechnen
16:15 h. Mathematisches Institut, Rheinsprung 21, Basel, grosser Hörsaal
Anschliessend wird ein Aperó offeriert
- ETH ZÜRICH** Research Seminar for Statistics
JOHANNES TEXTOR (University of Utecht)
Using Causal Diagrams to Dissect Causal from Biasing Effects
16.15 h. Dept. of Mathematics, Rämistr. 101, 8006 Zürich, room HG G19.1
- ETH ZÜRICH** Talks in Financial and Insurance Mathematics
KASPER LARSEN (Carnegie Mellon University)
Unspanned endowment and face-lifting
17:15 h. ETH Zürich, Rämistr. 101, room HG G 43
- Friday**
16.12.2011
- UNIVERSITÄT BASEL** Seminar in Numerical Analysis
BERNARD HAASDONK (University of Stuttgart)
Parameter Optimization and a-posteriori Error Estimation with Reduced Basis Surrogate Models
09.00 h. Institute of Mathematics, Rheinsprung 21, Basel, "grosser Hörsaal"
Tea in the "Eulerzimmer" afterwards
- ETH ZÜRICH** FIM Minicourse
SIMON BRENDLE (University of Stanford)
Rigidity questions involving scalar curvature
09:15 h. ETH Zürich, Rämistr. 101, room HG G 43
See: December 13
- UNIVERSITÄT BASEL** Seminar Algebra & Geometrie
PAOLO MANTERO (Purdue University)
Minimal representatives of even liaison classes
10:30 h. Institute of Mathematics, Rheinsprung 21, Basel, "kleiner Hörsaal"
- UNIVERSITÉ DE GENÈVE** Séminaire d'analyse numérique
MARC G. GENTON (Texas AM University)
Functional Boxplots for Visualization of Complex Curve/Image Data: An Application to Precipitation and Climate Model Output
11:15 h. University of Genève, salle 5220

Friday
16.12.2011

ETH ZÜRICH

JAMES COGDELL (Ohio State University)

The local Langlands correspondence for $GL(n)$ and the exterior

14.15 h. ETH Zürich, Rämistr. 101, room HG G 43

Number Theory Seminar

6th European Congress of Mathematics

Kraków, July 2 - 7, 2012

Information: <http://www.6ecm.pl>

Perspectives in Tropical Geometry 2011

Tropical Geometry in Europe

Itinerant Seminar

Arolla, Valais, December 18 - 21, 2011

Organisers : Benoît Bertrand, Erwan Brugallé, Ilia Itenberg, Grigory Mikhalkin

<http://www.math.univ-toulouse.fr/~bbertrand/TGE/>
