SMS   Swiss Mathematical Society   SMG

Bulletin no 12   Autumn term 2011   5.12. – 9.12.2011

Monday
5.12.2011

ETH ZÜRICH   Algebra-Topology Seminar
GUIDO MISLIN (Ohio State University)
Bounded cocycles, distortion and central extensions of Lie groups
12:15 h. Dept. of Mathematics, Rämistr. 101, room HG G 43

UNIVERSITÉ DE GENÈVE   Séminaire Avancé "Groupes Libres"
PAUL-HENRY LEEMANN (Université de Genève)
Outer space : an introduction
12:15 h. Section de mathématiques, 2-4, rue du Lièvre, Genève-Acacias, salle 623

UNIVERSITÄT ZÜRICH   Oberseminar: Algebraische Geometrie
FRANK SOTTILE (Texas A&M University)
Symmetric output feedback control and isotropic Schubert calculus
13:15-14:45 h. Institut für Mathematik, Winterthurerstr. 190, Zürich-Irchel, Hörsaal Y27H25

UNIVERSITÉ DE GENÈVE   Séminaire de Mathématique Physique
IOAN MANULESCU (University of Cambridge)
tba
15:15 h. Section de mathématiques, 2-4, rue du Lièvre, Genève-Acacias, salle 17

ETH / UNI ZÜRICH   Optimization and Applications Seminar
ASEN DONTCHEV (University of Michigan, Ann Arbour)
Implicit Functions, Metric Regularity, and Convergence of Algorithms
16:30 h. Dept. of Mathematics, Rämistr. 101, room HG G 19.1
Coffee: 16:10-16:30

UNIVERSITÄT BERN   Mathematisches Kolloquium
JULIEN MARCHE (École Polytechnique, Palaiseau)
Introduction to topological quantum field theory
17.15 h. Institut für exakte Wissenschaften, Sidlerstrasse 5, Bern, Hörsaal B 78

Tuesday
6.12.2011

UNIVERSITÉ DE NEUCHÂTEL   Séminaire "Groupes et analyse"
ALAIN VALETTE (Université de Neuchâtel)
Graphes de groupes et propriété de Haagerup
10:30 h. Institut de mathématiques, rue Emile Argand 11, Neuchâtel, Salle B104 (1er étage)

EPF LAUSANNE   Séminaire "Théorie des groupes"
JON CARLSON (University of Athens)
Thick subcategories of the stable category
12:45 h. Bâtiment de Mathématiques, Ecublens, Salle MA A3 30

EPF LAUSANNE   Séminaire de topologie
ERIC FINSTER (EPFL)
Homotopy theory and dependent type theory
14:15 h. Bâtiment de Mathématiques, Ecublens, Salle MA 10

Tuesday
6.12.2011

EPF LAUSANNE   Séminaire d'algèbre et de théorie des nombres
ALEXANDER MERKURJEV (UCLA)
Essential dimension in algebra
15:15 h. Bâtiment de Mathématiques, Ecublens, Salle MA31 - 3ème étage

ETH / UNI ZÜRICH   Analysis Seminar
HERBERT KOCH (University of Bonn)
Selfsimilar blow up for the supercritical generalized Korteweg de Vries equation
15:15 h. Dept. of Mathematics, Rämistr. 101, room HG G 43

UNIVERSITÉ DE GENÈVE   Séminaire d'analyse numérique
EMMANUEL FRÉNOD (Université de Bretagne Sud)
Two-Scale Numerical Methods
15.15 h. Section de mathématiques, 2-4, rue du Lièvre, Genève-Acacias, salle 623

ETH / UNI ZÜRICH   Zurich Colloquium in Mathematics
HANS FÖLLMER (Humboldt University, Berlin)
Risk and Uncertainty: On the Role of Probability in Finance
17.15 h. Main Building of the University Zürich, Karl-Schmid-Str. 4, Zürich, room KO2-F-150
Afterwards Apéro

Wednesday
7.12.2011

UNIVERSITÉ DE FRIBOURG   Oberseminar Geometrie
CRISTINA PAGLIANTINI (Università di Pisa)
tba
10.20 h. Seminarraum Mathematik II (Lonza Gebäude), Fribourg
http://commonweb.unifr.ch/math/seminars/Osgeom-top.html

UNIVERSITÄT BERN   Institute seminar
MICHAEL VOCK (University of Bern)
Structural Equation Modeling
11:00 h. Institute of Mathematical Statistics and Actuarial Science, Alpeneggstr. 22, Seminar room -203

UNIVERSITÉ DE GENÈVE   Séminaire d'analyse numérique
RON HAYNES (Memorial University, Canada)
Application of Domain Decomposition Methods to Mesh Generation and Space-Time Parallelism for PDEs
15.15 h. Section de mathématiques, 2-4, rue du Lièvre, Genève-Acacias, salle 623

ETH / UNI ZÜRICH   Geometry Seminar
TSACHIK GELANDER (The Hebrew University of Jerusalem)
Representations of F_n and actions of $Aut(F_n)$
15:45 h. Dept. of Mathematics, Rämistr. 101, room HG G 43

ETH / UNI ZÜRICH   Seminar on Stochastic Processes
NICOLAS FOURNIER (Université Paris Est)
One-dimensional forest-fire models
17:15 h. Dept. of Mathematics, Rämistr. 101, room HG G 43

UNIVERSITÄT ZÜRICH   Video Seminar in Analysis
JOACHIM KRIEGER (EPFL)
On non-scattering vanishing solutions for the critical focussing NLW in 3d
18:10 h. Institute of Mathematics, Winterthurerstr. 190, Zürich-Irchel, room Y35/36

Thursday **8.12.2011**	**EPF LAUSANNE**	Séminaire de Géométrie et Théorie Ergodique

Thursday
8.12.2011

EPF LAUSANNE — Séminaire de Géométrie et Théorie Ergodique
ANTHONY ARNOLD (EPFL)
Large hyperbolic polygons and hyperelliptic Riemann surfaces
13:15 h. Bâtiment de Mathématiques, Ecublens, Salle MA 30

UNIVERSITÉ DE GENÈVE — Séminaire de Théorie des nœuds
CLAUDE WEBER (Université de Genève)
L'invariant de Robertello-Arf des noeuds
14:15 h. Section de mathématiques, 2-4, rue du Lièvre, Genève-Acacias, salle 623 (6ème étage)

UNIVERSITÄT BASEL — Seminar Zahlentheorie
DANIEL BERTRAND (Université Paris 6)
Unlikely intersections in Poincaré bi-extensions over elliptic schemes
14:15 h. Mathematisches Institut, Rheinsprung 21, Basel, grosser Hörsaal

ETH / UNI ZÜRICH — Talks in Mathematical Physics
THOMAS WILLWACHER (University of Harvard)
tba
15:15 h. Dept. of Mathematics, Rämistr. 101, room HG G 43

UNIVERSITÄT ZÜRICH — Seminar über partielle Differentialgleichungen und Numerik
ALEXANDER OSTERMANN (Universität Innsbruck)
Exponential integrators and some applications
16.00 h. Institut für Mathematik, Winterthurerstr. 190, Zürich-Irchel, Hörsaal Y27H25

ETH ZÜRICH — ZüKoSt: Seminar on applied Statistics
MARCEL DETTLING (ZHAW, Winterthur)
Modellierung von Schadstofffrachten in Gewssern um den Sempachersee
16.15 h. Dept. of Mathematics, Rämistr. 101, 8006 Zürich, room HG G19.1

ETH ZÜRICH — Kolloquium über Mathematik, Informatik und Unterricht
WOLFRAM KOEPF (Universität Kassel)
Polynomfaktorisierung in der Computeralgebra
17:15 h. Hauptgebäude der ETH, Rämistr. 101, Zürich, Hörsaal HG F7

ETH / UNI ZÜRICH — Talks in Financial and Insurance Mathematics
RUDOLF RIEDI (EIA Fribourg)
Infinitely Divisible Shotnoise: local scaling and moments
17:15 h. Dept. of Mathematics, Rämistr. 101, room HG G 43

UNIVERSITÄT ZÜRICH — Arbeitsgemeinschaft Analysis
PHILIPPE LAURENÇOT (Université de Toulouse)
A thin film approximation to the Muskat problem
17.15-18.45 h. Institut für Mathematik, Winterthurerstr. 190, Zürich-Irchel, Hörsaal Y27H25

Friday
9.12.2011

UNIVERSITÄT BASEL — Seminar in Numerical Analysis
DANIEL WEISS (University of Tübingen)
A Heterogeneous Multiscale Method for highly-oscillatory Hamiltonian systems with solution-dependent frequencies
09.00 h. Institute of Mathematics, Rheinsprung 21, Basel, "grosser Hörsaal"
Tea in the "Eulerzimmer" afterwards

UNIVERSITÄT BASEL — Seminar Algebra & Geometrie
VOLKMAR WELKER (University of Marburg)
tba
10:30-12:00 h. Institute of Mathematics, Rheinsprung 21, Basel, "kleiner Hörsaal"

Friday		Research seminar in statistics
9.12.2011		

Yanyuan Ma (Texas AM University)
A Semiparametric View to Dimension Reduction
11:15 h. University of Geneva, salle 5220

EPF LAUSANNE   LaWiNe - Lausanne/Wien/Neuchtel,
Mathematical seminar on Sofic groups

Ken Dykema (University of Texas A&M)
tba
14.00-14.45 and 15.00-15.45 h. EPFL, Ecublens, Lausanne - room CM 113

Funded by SNF Sinergia grant CRSI22-130435, the seminar will meet once per month, alternatively on the 3 sites.   http://egg.epfl.ch/lawine/