



**Monday
23.5.2011**

UNIVERSITÄT ZÜRICH

Oberseminar: Algebraische Geometrie

JOHANNES NICAISE (Katholieke Universiteit Leuven)

Rational fixed points for finite group actions, and a question of Serre

13.15-14.45 h. Institut für Mathematik, Winterthurerstr. 190, Zürich-Irchel, Hörsaal Y27H25

ETH ZÜRICH

Symplectic Geometry Seminar

DRITON KOMANI (ETH Zürich)

Continuation maps in Morse homology

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

ETH / UNI ZÜRICH

Optimization and Applications Seminar

GEORGE CONSTANTINIDE (Imperial College London)

FPGA-based acceleration of embedded numerical algorithms

16.30 h. ETHZ, Rämistr. 101, Zürich, room HG G 19.1

Coffee: 16:10-16:30

UNIVERSITÄT BERN

Mathematisches Kolloquium

BURGLIND JÖRICKE (Universität Bern)

Analytic knots, satellites and the 4-ball genus

17.15 h. Institut für exakte Wissenschaften, Sidlerstrasse 5, Bern, Hörsaal B 78

**Tuesday
24.5.2011**

UNIVERSITÉ DE NEUCHÂTEL

Séminaire "Groupes et analyse"

ALAIN VALETTE (Université de Neuchâtel)

Spectre et distortion de graphes de Cayley de groupes finis

10.30 h. Institut de mathématiques, rue Emile Argand 11, Neuchâtel, Salle B217 (2ème étage)

ETH ZÜRICH

Algebra-Topologie Seminar

ASLAK BAKKE BUAN (Norwegian University of Science and Technology - NTNU)

Mutation and colored mutation via representations of quivers

11.15 h. ETHZ, Rämistr. 101, Zürich, room HG G 43

EPF LAUSANNE

Séminaire de Théorie des groupes

ANNE HENKE (Oxford University)

Classical Groups and Schur algebras

13.15 h. Bâtiment de Mathématiques, Ecublens, Salle MA 30 (3ème étage)

EPF LAUSANNE

Séminaire de topologie

BILL DWYER (Université de Notre Dame)

Small models for functors from spaces to spaces

14.15 h. EPFL, Ecublens, Salle CM010

ETH ZÜRICH

Analysis Seminar

MARIA GONZÁLEZ (Politécnica de Catalunya)

The Yamabe problem for the conformal fractional Laplacian

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

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Tuesday
24.5.2011

UNIVERSITÉ DE FRIBOURG

ARNOLD D. FELDMAN (Lancaster University, currently: Galway)
Solvable groups, Sylow subgroups and injectors
17.15 - 18.15 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

ELISABETTA CHIODAROLI (Universität Zürich)
What is... the h-Principle?
17.15 h. Main Building of the University Zürich, Karl-Schmid-Str. 4, Zürich, room KO2-F-150

Wednesday
25.5.2011

ETH / UNI ZÜRICH

Talks in mathematical physics

CHRIS HEUNEN (Oxford University)
Minicourse: Toposes in the foundations of quantum mechanics
10.15-12.00 h. Institut für Mathematik, Winterthurerstr. 190, Zürich-Irchel, room Y27H25
Minicourse: May 26, June 1

UNIVERSITÉ DE FRIBOURG

Oberseminar Geometrie

10.20-11.05 h. JAVIER ARAMAYONA (Galway University)
Homomorphisms between mapping class groups
11.15-12.00 h. CYRIL LECUIRE (Université de Toulouse)
tba
Seminarraum Mathematik II (Lonza Gebäude), Fribourg
<http://commonweb.unifr.ch/math/seminars/Osgeom-top.html>

UNIVERSITÄT BERN

Institute Seminar

JASMIN FURRER (Universität Bern)
On double exceedances of Gaussian processes
11.00 h. Institute of Mathematical Statistics and Actuarial Science, Alpeneggstr. 22, Bern, Seminar room -203

ETH ZÜRICH

Algebra-Topology Seminar

HERMUND TORKILDSEN (Norwegian University of Science and Technology - NTNU)
Geometric descriptions of m-cluster categories and applications
14.00 h. ETH Zürich, Rämistr. 101, Zürich, room HG G 19.1

ETH / UNI ZÜRICH

Geometry Seminar

ANTON PETRUNIN (Penn State University)
Telescopic actions
15.45 h. ETH Zürich, Rämistr. 101, Zürich, room HG G 43

EPF LAUSANNE

Séminaire d'analyse numérique

ANDREA BONITO (Texas A&M University, Tamu)
A-priori and a-posteriori higher order estimates in time for the arbitrary lagrangian euerian formula-tion in moving domains
16.15 h. Bâtiment de Mathématiques, Ecublens, Salle MA A110
<http://mathicse.epfl.ch/seminars>

ETH ZÜRICH

Colloquium in Numerical and Applied Mathematics

HOLGER RAUHUT (University of Bonn)
Sparse and low rank recovery
16.15 h. ETH Zürich, Rämistr. 101, Zürich, room HG E 1.2
<http://www.sam.math.ethz.ch/news/kolloquia>

Wednesday
25.5.2011

ETH / UNI ZÜRICH

Seminar on Stochastic Processes

16.15 h. ALEXANDER NOVIKOV (University of Technology, Sydney)

tba

17.15 h. OFER ZEITOUNI (Weizman Institute)

The Einstein relation for biased random walks on Galton Watson trees

Institut für Mathematik, Winterthurerstr. 190, Zürich-Irchel, room Y27H25

Thursday
26.5.2011

ETH / UNI ZÜRICH

Talks in mathematical physics

CHRIS HEUNEN (Oxford University)

Minicourse: Toposes in the foundations of quantum mechanics

10.15-12.00 h. Institut für Mathematik, Winterthurerstr. 190, Zürich-Irchel, room Y27H25

Minicourse: May 25, June 1

EPF LAUSANNE

Séminaire de Géométrie et Théorie Ergodique

VICTOR BANGERT (Freiburg i.Br.)

tba

13:00 h. Bâtiment de Mathématiques, Ecublens, Salle MA 30, (3ème étage)

UNIVERSITÄT BASEL

Seminar Zahlentheorie

CHRISTINA DIEHL (ETH Zürich)

About the meromorphic continuation of a Dirichlet series connected to the counting of lattice points in an elliptic cone

14.15 h. Mathematisches Institut, Rheinsprung 21, Basel, grosser Hörsaal

UNIVERSITÄT BASEL

Perlen-Kolloquium am Departement Mathematik

ALEXANDRU OANCEA (Université de Strasbourg)

Riemannian walk through the symplectic garden

16.15 h. Mathematisches Institut, Rheinsprung 21, Basel, grosser Hörsaal

Anschliessend wird ein Apero offeriert

ETH ZÜRICH

Research Seminar for Statistics

ROBERT G. STAUDTE (La Trobe University, Melbourne)

The relationship between variance stabilized statistics and the Kullback-Leibler symmetrized divergence

16.15 h. Dept. of Mathematics, Rämistr. 101, 8006 Zürich, room HG G19.1

ETH ZÜRICH

Talks in Financial and Insurance Mathematics

16.15 h. MAXIM BICHUCH (Princeton University)

Asymptotic Analysis for Optimal Investment with Two Risky Assets and Transaction Costs

D-Math. Rämistr. 101, Zürich, room HG G 19.2

17.15 h. JENS PERCH NIELSEN (Cass Business School, City Univ. London, and Festina Lente)

Forecasting In An Extended Chain-Ladder-Type model

D-Math. Rämistr. 101, Zürich, room HG G 43

ETH / UNI ZÜRICH

Seminar on Stochastic Processes

IVAN CORWIN (Courant Institute)

The geometric RSK correspondence and Whittaker functions

17.15 h. Institut für Mathematik, Winterthurerstr. 190, Zürich-Irchel, room Y27H25

Friday
27.5.2011

UNIVERSITÄT BASEL

Seminar Algebra & Geometrie

OLIVIER SERMAN (Université Lille 1)

Singularities of moduli spaces of principal bundles on curves

10.30 h. Mathematisches Institut, Rheinsprung 21, Basel, kleiner Hörsaal

Friday
27.5.2011

ETH ZÜRICH

KUNRUI YU (Hong Kong University of Science and Technology)
p-adic Logarithmic Forms and a Problem of Erdős
14.15 h. ETHZ, Rämistr. 101, Zürich, room HG G 43

Number Theory Seminar

EPF LAUSANNE

THOMAS ROBIN (EPFL)
New Challenges in Disaggregate Behavioral Modeling: Emotions, Investments and Mobility
17.15 h. EPFL, Ecublens, Salle GC C3 30

Soutenance de thèse

UNIVERSITÄT BASEL

Mini-Course on PDE-Constrained Optimization

Monday - Friday, May 23 - 27, 2011 (begin Monday at 10.00AM)

Prof. ELDAD HABER, University of British Columbia, Canada

Topics:

- * Theory and Solution Approaches of PDE-Constrained Optimization
- * Introduction into Algorithms for Constrained Nonlinear Optimization
- * Application to Computational Inverse Problems, Electromagnetic Imaging, Experimental Design, and Medical Imaging

The Courses will take place at the "Alte Universität" (Rheinsprung 9).

The mini-course will also be broadcast live to the ETH Zurich, room HG D22, ETH Zürich, main building, Rämistrasse 101

Information: <http://www.pdeopt2011.unibas.ch/>
