

**Monday, May 14****Universität Basel***Seminar on Coding Theory and Cryptography***Alberto Ravagnani (Università di Trento)**

On Goppa codes on the Hermitian curve and its quotients

10:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, Basel, Grosser Hörsaal

**Universität Basel***Seminar on Coding Theory and Cryptography***Andreas Peter (TU Darmstadt)**

Additively Homomorphic Encryption Revisited: A Framework and (Im-)possibility Results

11:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, Basel, Grosser Hörsaal

**Universität Zürich***Advanced Seminar in Algebraic Geometry***Dr. Florian Geiss (Universität des Saarlandes, Deutschland)**

Title T.B.A.

13:15 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

**Université de Genève***Séminaire de Mathématique Physique***Rémi Peyre (Université de Nancy, France)**

McKean-Vlasov Metastability

16:15 • Université de Genève, Section Mathématiques, 2-4 rue du Lièvre - salle 17

**ETH Zürich***Optimization and Applications Seminar***Carla Michini (Università di Roma "La Sapienza")**

Vertex Adjacency and the Hirsch Conjecture for the Fractional Stable Set Polytope

16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

**Universität Zürich***Seminar in Partial Differential Equations***Prof. Dr. Fernando Coda Marques (IMPA, Brasil)**

Min-max theory of minimal surfaces and the Willmore Conjecture

17:00 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12

**Universität Bern***Mathematisches Kolloquium***Prof. Dr. Wolfgang Bangerth (Texas A & M University)**

Numerics for Inverse Problems in Biomedical Imaging

17:15 • Universität Bern, Sidlerstrasse 5, ExWi, Room B 78

**Tuesday, May 15****Université de Genève***Groupes et Géométrie***Yves de Cornulier (Université Paris Orsay)**

Actions commensurantes, espaces à murs et complexes cubiques CAT(0)

10:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

**EPF Lausanne***Séminaire Centre Interfacultaire Bernoulli***Marco Romito (Università di Pisa)**

Existence of densities for the Navier Stokes equations with noise

10:15 • EPF Lausanne, SB-CIB, Station 15, Auditoire AAC 0 06

**EPF Lausanne***Séminaire de Topologie***Tamás Hausel (EPF Lausanne)**

Betti numbers of large hyperkähler manifolds

14:15 • EPF Lausanne, Salle CM 012

<b>Université de Fribourg</b> <b>Gergana Bencheva (Bulgarian Academy of Science, Sofia)</b> Computer Modelling and Simulation of Haematopoietic Stem Cells Migration 15:15 • Université de Fribourg, Seminarraum Mathematik II (Lonza Gebäude)	<i>Oberseminar Analysis</i>
<b>ETH Zürich</b> <b>Mircea Petrache (ETH Zürich)</b> A Plateau problem for $U(1)$ -bundles in 3 dimensions 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Analysis Seminar</i>
<b>Université de Genève</b> <b>Silvia Sabatini (EPF Lausanne)</b> A necessary condition for $S^1$ Hamiltonian actions with isolated fixed points 15:15 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge	<i>Lie groups and moduli spaces</i>
<b>EPF Lausanne</b> <b>Fernando Rodriguez Villegas (University of Texas at Austin)</b> Hypergeometric motives 15:15 • EPF Lausanne, Salle MA 30	<i>Séminaire d'Algèbre et de Théorie des Nombres</i>
<b>Universität Fribourg</b> <b>Prof. Dr. Gerhard Rosenberger (Universität Hamburg)</b> On the surface group conjecture and embeddings of surface groups into one-relator groups 17:15 • Universität Fribourg, Departement für Mathematik, chemin du musée 3, 1700 Fribourg, room 2.52 (Physikgebäude)	<i>Colloquium</i>

<b>Wednesday, May 16</b>	
<b>Université de Fribourg</b> <b>Pascal Rolli (ETH Zürich)</b> Title T.B.A. 10:20 • Université de Fribourg, Seminarraum Mathematik II (Lonza Gebäude)	<i>Oberseminar Geometrie</i>
<b>Universität Bern</b> <b>David Ginsbourger (Universität Bern)</b> The ProKSI algorithm 11:00 • Universität Bern, Alpeneggstr. 22, Room 203	<i>Institute Seminar</i>
<b>Université de Genève</b> <b>Madalina Petcu (Université de Poitiers)</b> Conditions aux limites pour les équations de Saint Venant à deux couches 15:15 • Université de Genève, salle 623	<i>Séminaire d'Analyse Numérique</i>
<b>ETH Zürich</b> <b>Steffen Weil (Universität Zürich)</b> Aperiodic sequences and aperiodic geodesics 15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Geometry Seminar</i>
<b>EPF Lausanne</b> <b>Dr. Patrick Henning (Universität Münster, Deutschland)</b> Title T.B.A. 16:15 • EPF Lausanne, Salle MA A1 12	<i>Computational Science and Engineering</i>
<b>Universität Zürich</b> <b>Nicolas Curien (Ecole Normale Supérieure, Paris)</b> A panoramic view of the Uniform Infinite Planar Quadrangulation 17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25	<i>Seminar on Stochastic Processes</i>

**Thursday, May 17**

*No events scheduled today!*

**Friday, May 18**

**Universität Basel**

*Seminar Algebra & Geometrie*

**Vladimir Tsygankov (Gutenberg Universität Mainz)**

Title T.B.A.

10:30 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Kleiner Hörsaal

**ETH Zürich**

*Talks in Financial and Insurance Mathematics*

**Prof. Dr. Peter Bank (TU Berlin)**

Optimal Order Placement

14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

**ETH Zürich**

*Number Theory Seminar*

**Dr. Peter Bruin (Universität Zürich)**

Computing coefficients of modular forms

14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

**ETH Zürich**

*Algebraic Geometry and Moduli Seminar*

**Prof. Dr. Sam Payne (Yale / MPI Bonn)**

Operational K-theory and localization for toric varieties

16:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

### **Special Announcements**

#### **Fribourg Weekend in Group Theory**

Fribourg, May 18-20, 2012

<http://homeweb1.unifr.ch/ciobanul/pub/Fribourg2012.html>

#### **Spring Meeting 2012 of the Swiss Mathematical Society**

Groups, Representation Theory and Related Topics

EPFL, June 11-15, 2012

<http://yam.epfl.ch/>

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