

Monday, April 22**EPF Lausanne***Group Theory Seminar***Ivo Dell'Ambrogio (Université de Lille)**

Gorenstein homological algebra and universal coefficient theorems

09:00 • EPF Lausanne, Salle MA A3 31

Université de Genève*Séminaire de Travail: Géométrie Tropicale***Lionel Lang (Université de Genève)**

A survey on coamoebas

10:30 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Université de Neuchâtel*Seminar on Coding Theory and Cryptography***Alain Couvreur (INRIA Saclay, France)**

Distinguisher-based attacks on public key cryptosystems using Generalised Reed-Solomon codes

11:00 • Université de Neuchâtel, Institut de mathématiques, Rue Emile-Argand 11, Room B217

Université de Neuchâtel*Seminar on Coding Theory and Cryptography***Hugues Mercier (Université de Neuchâtel)**

Capacity bounds for channels with synchronization errors

13:00 • Université de Neuchâtel, Institut de mathématiques, Rue Emile-Argand 11, Room B217

Universität Zürich*Advanced Seminar in Algebraic Geometry***Prof. Dr. Georg Schumacher (Philipps-Universität Marburg)**

Moduli of canonically polarized varieties

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

ETH Zürich*Symplectic Geometry Seminar***Igor Uljarevic (ETH Zürich)**

The symplectic isotopy problem and the mean Euler characteristic (following work of Chiang, Ding and Van Koert)

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

ETH Zürich*Optimization and Applications Seminar***Prof. Dr. Jean Bernard Lasserre (LAAS-CNRS, Toulouse, France)**

Tractable characterizations of nonnegativity on a closed set via Linear Matrix Inequalities

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

Universität Bern*Mathematisches Kolloquium***Prof. Dr. Paul Houston (University of Nottingham)**

Application of hp-Adaptive Discontinuous Galerkin Methods to Bifurcation Phenomena in Pipe Flows

17:15 • Universität Bern, Sidlerstrasse 5, 3012 Bern, ExWi B78

Tuesday, April 23**Université de Genève***Groupes et Géométrie***Ariadna Fossas (EPF Lausanne)**

Associaèdres de Stasheff et groupes de Thompson

11:30 • Université de Genève, Salle 623

Université de Genève*Séminaire d'Analyse Numérique***Ivan Graham (University of Bath, UK)**

Numerical Asymptotic Methods for High Frequency Scattering

14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

<p>ETH Zürich Prof. Dr. Enno Lenzmann (Universität Basel) Local Monotonicity Formulae and ODE-type theorems for the fractional Laplacian 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Analysis Seminar</i>
<p>Université de Genève Dimitri Gourevitch (Université Valenciennes, France) A new approach in Noncommutative Geometry 15:30 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge</p>	<i>Lie groups and moduli spaces</i>
<p>Université de Neuchâtel Jérémy Blanc (Universität Basel) Topologie et structure du groupe de Cremona 16:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile-Argand 11, CH-2000 Neuchâtel, Room B103</p>	<i>Colloque du Mardi</i>
<p>Université de Genève Christian Blanchet (Université Paris 7) TQFTs non semisimples; le cas de la torsion de Reidemeister 16:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17</p>	<i>Séminaire Théorie des Nœuds</i>
<p>Universität Fribourg Ara Basmajian (City University of New York) Geodesics on Hyperbolic Surfaces 17:15 • Universität Fribourg, Departement für Mathematik, chemin du musée 3, 1700 Fribourg, Hörsaal 2.52</p>	<i>Colloquium</i>
Wednesday, April 24	
<p>Universität Bern Julien Bect (Université Ouverte, Gif-sur-Yvette, France) Bayes-Optimal Importance Sampling for Computer Experiments 11:00 • Universität Bern, Alpeneggstr. 22, Room 203</p>	<i>Institute Seminar</i>
<p>EPF Lausanne Rahul Pandharipande (ETH Zürich) Relations in the cohomology of the moduli of curves 14:15 • EPF Lausanne, Salle CM 09</p>	<i>Geometry Seminar EPFL</i>
<p>Université de Genève Grigory Mikhalkin (Université de Genève) On amoebas and mushrooms (after I. Krichever) 14:30 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge</p>	<i>Séminaire de Travail: Géométrie Tropicale</i>
<p>ETH Zürich Prof. Dr. Michael Farber (University of Warwick) Topology of random 2-dimensional complexes 15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Geometry Seminar</i>
<p>Universität Zürich Dr. David Croydon (University of Warwick) Biased random walks on random paths and critical random trees 16:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<i>Seminar on Stochastic Processes</i>
<p>ETH Zürich Prof. Dr. Helmut Harbrecht (Universität Basel) Modelling and simulation of elliptic PDEs on random domains 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2</p>	<i>Colloquium in Applied and Numerical Mathematics</i>

Thursday, April 25

EPF Lausanne

Séminaire d'Algèbre et de Théorie des Nombres

Yong Hu (Universität Duisburg-Essen)

Title T.B.A.

14:15 • EPF Lausanne, Salle MA 30

ETH Zürich

Talks in Mathematical Physics

Dr. Ajay Ramadoss (ETH Zurich)

Title T.B.A.

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

Universität Zürich

Seminar in Partial Differential Equations and Numerics

Prof. Dr. Nick Trefethen (University of Oxford)

Title T.B.A.

16:00 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36

Universität Basel

Perlen-Kolloquium

Prof. Dr. Arnaud Beauville (Université de Nice)

How many parameters are needed to define the general equation of degree n ?

16:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal

Université de Genève

Colloque de Mathématiques

Mark Pollicott (University of Warwick, UK)

Title T.B.A.

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

ETH Zürich

ZüKoSt Zürcher Kolloquium über Statistik

David Ginsbourger (Universität Bern)

Gaussian field models for the adaptive design of costly experiments

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

ETH Zürich

Talks in Financial and Insurance Mathematics

Prof. Dr. Hao Xing (London School of Economics (LSE))

Large time behavior of solutions to HJB equations and multivariate portfolio turnpikes

17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

EPF Lausanne

Mathematics Colloquium

Prof. Dr. Gerhard Rosenberger (Universität Hamburg)

The Surface Group Conjecture and Embeddings of Surface Groups into Doubles of Free Groups

17:15 • EPF Lausanne, Salle CM4

Friday, April 26

EPF Lausanne

Computational Science and Engineering

Dr. Diane de Zélicourt (Universität Zürich)

A pilot multi-scale numerical framework for brain mechanics

09:00 • EPF Lausanne, Salle CM 011

Universität Basel

Seminar Algebra & Geometrie

Arnaud Beauville (Université de Nice)

The Lüroth problem and the Cremona group

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

Universität Bern

Swiss Statistics Seminars

Heinz Putter (Universität Leiden)

The Landmark Approach: An Introduction and Application to Dynamic Prediction in Competing Risks

14:15 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture room B7

EPF Lausanne

Lev Kiwi (Université de Fribourg)

Are complete intersections symmetric?

14:15 • EPF Lausanne, Salle MA 10

Séminaire de Topologie

Universität Basel

Yann Brenier (Ecole Polytechnique)

Topology preserving diffusions: the example of divergence-free vector fields

15:30 • Universität Basel, grosser Hörsaal, Mathematisches Institut

BFZ Seminar in Analysis - Basel, Fribourg, Zurich

Universität Bern

Johanna F. Ziegel (Universität Bern)

Coherence and Elicitability

15:30 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture room B7

Swiss Statistics Seminars

ETH Zürich

Prof. Dr. Alessandro Chiodo (Jussieu)

LG/CY correspondence, global mirror symmetry and Orlov equivalence

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

Algebraic Geometry and Moduli Seminar

Universität Bern

Piotr Fryzlewicz (London School of Economics)

Wild Binary Segmentation for Multiple Change-Point Detection

16:45 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture room B7

Swiss Statistics Seminars

Universität Basel

Benjamin Schlein (Universität Bonn)

Mean field and Gross-Pitaevskii limits of quantum dynamics

17:00 • Universität Basel, grosser Hörsaal, Mathematisches Institut

BFZ Seminar in Analysis - Basel, Fribourg, Zurich

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