

Monday, December 10

Universität Zürich

*Oberseminar: Algebraische Geometrie***Prof. Dr. Christian Okonek (Universität Zürich)**

The gauged Landau-Ginzburg model of a Beauville-Donagi hyper-Kähler 4-fold
 13:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

EPF Lausanne

*DCG DISOPT Seminar***Nabil Mustafa (ESIEE Paris)**

Optimality of Geometric Local Search
 14:00 • EPF Lausanne, Salle MA B1 524

Université de Genève

*Séminaire de Mathématique Physique***Alain Joye (Université Grenoble Alpes)**

Representations of canonical commutation relations describing infinite coherent states
 15:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17

Université de Genève

*Séminaire "Fables Géométriques"***Arthur Renaudineau (Université de Lille)**

Lefschetz hyperplane section theorem for tropical hypersurfaces
 16:00 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Universität Bern

*Mathematisches Kolloquium***Dr. Fathi Ben Aribi (Université de Genève)**

Title T.B.A.
 17:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture Room 119

Tuesday, December 11

Université de Genève

*Groupes et Géométrie***Adrien Boyer (Université de Paris VII)**

Fonctions sphériques en courbure négative et propriété RD
 10:30 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 17

EPF Lausanne

*Talks in Mathematical Finance***Andreas Fuster (Swiss National Bank)**

Predictably Unequal? The Effects of Machine Learning on Credit Markets
 10:30 • EPF Lausanne, Quartier UNIL - Dorigny, Salle Extranef 126

Universität Basel

*Seminar Algebra & Geometrie***Luca Studer (Universität Bern)**

Equations with complex analytic coefficients
 10:30 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Seminar Room 00.003

Université de Genève

*Séminaire d'Analyse Numérique***Felix Kwok (Baptist University, Hong Kong)**

Waveform relaxation with adaptive pipeline
 14:00 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

EPF Lausanne

*Groups, Arithmetic and Algebraic Geometry Seminar***Lars Thorge Jensen (Université de Clermont-Ferrand)**

Title T.B.A.
 15:00 • EPF Lausanne, Salle PH H3 33

<p>ETH Zürich Francesco Palmurella (ETH Zürich, Switzerland) A Resolution of the Poisson Problem for Elastic Plates 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Analysis Seminar</i>
<p>Université de Fribourg Prof. Dr. Christoph Thäle (Ruhr-Universität Bochum) Monotonicity for random polytopes 17:15 • Université de Fribourg, room Phys 2.52</p>	<i>Colloquium</i>
Wednesday, December 12	
<p>ETH Zürich Prof. Dr. Sebastian Baader (Universität Bern) Geometry of Surfaces 10:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Nachdiplomvorlesung</i>
<p>Université de Fribourg Ana Peón-Nierto (Université de Genève) A characterisation of very stability of bundles via the Hitchin map 10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room</p>	<i>Oberseminar Geometrie</i>
<p>Universität Basel Ioan Manulesco (Université de Fribourg) Uniform Lipschitz functions on the triangular lattice have logarithmic variations 11:00 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 1, Room 00.003</p>	<i>Seminar in Probability Theory</i>
<p>EPF Lausanne Arne Smeets (University of Nijmegen, The Netherlands) Title T.B.A. 14:00 • EPF Lausanne, Salle MA A1 12</p>	<i>Groups, Arithmetic and Algebraic Geometry Seminar</i>
<p>ETH Zürich Joseph Najnudel (University of Bristol) On the maximum of two log-correlated fields: the logarithms of the characteristic polynomial of the Circular Beta Ensemble and the Riemann zeta function 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<i>Seminar on Stochastic Processes</i>
<p>ETH Zürich Stefan Wenger (Université de Fribourg) Title T.B.A. 15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Geometry Seminar</i>
<p>Universität Zürich Andreas Bolting (Universität Zürich) The impact of quantum computers to blockchain based systems and possible countermeasures 16:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12</p>	<i>Seminar on Coding Theory and Cryptography</i>
<p>ETH Zürich Prof. Dr. Nilima Nigam (Simon Fraser University) A modification of Schiffer's Conjecture, and a proof via Finite Elements 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2</p>	<i>Zurich Colloquium in Applied and Computational Mathematics</i>
<p>ETH Zürich Timothy Gowers (University of Cambridge) Why isn't mathematical research impossible? 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room F 30</p>	<i>Wolfgang Pauli Lectures</i>

Thursday, December 13

Université de Genève

Séminaire de Topologie et Géométrie

Vera Vertesi (CNRS / Université de Strasbourg)

Title T.B.A.

14:15 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 17

Universität Basel

Seminar Zahlentheorie

Ramon Moreira Nunes (EPF Lausanne)

The twelfth moment of Dirichlet L-functions to smooth moduli

14:15 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Room 05.001

Universität Zürich

PDE and Mathematical Physics

Prof. Dr. Jean-Pierre Marco (Université Pierre et Marie Curie - Paris 6)

On the integrability of the geodesic flow on infinite dimensional ellipsoids

15:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 46

ETH Zürich

Talks in Financial and Insurance Mathematics

Roger Cooke (University of Strathclyde)

Vines and the Epicycles of Regression

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

ETH Zürich

Wolfgang Pauli Lectures

Timothy Gowers (University of Cambridge)

Results and open problems in Ramsey theory

17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room F 30

EPF Lausanne

Soutenance de Thèse

Daria Rukina (EPF Lausanne)

The detection of two-component mixture alternatives. Theory and methods

17:30 • EPF Lausanne, Salle MA B1 11

EPF Lausanne

Soutenance de Thèse

Xuan Loc Tran (EPF Lausanne)

Approximate Cloaking via Transformation Optics for Electromagnetic Waves

17:30 • EPF Lausanne, Salle MA CM 1 2

Friday, December 14

EPF Lausanne

Talks in Mathematical Finance

Nikolai Roussanov (The Wharton School, USA)

Title T.B.A.

10:30 • EPF Lausanne, Quartier UNIL - Dorigny, Salle Extranef 126

Universität Basel

Seminar in Numerical Analysis

Marc Burger (ETH Zürich)

Title T.B.A.

11:00 • Universität Basel, Mathematisches Institut, Spiegelgasse 5, 4051 Basel, Raum 05.001

Université de Fribourg

Geometric Analysis Seminar

Silvia Ghinassi (Stony Brook University)

$C^{1,\alpha}$ Reifenberg theorems for sets and measures

14:00 • Université de Fribourg, Science de la Terre, Chemin du Musée 6, Room 1.309

ETH Zürich

Number Theory Seminar

Prof. Dr. Ernst-Ulrich Gekeler (Universität Saarbrücken)

A Survey of recent developments in the theory of Drinfeld modular forms

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

Universität Bern

Colloquia on Probability and Statistics

Prof. Dr. Emanuele Borgonovo (Università Commerciale Luigi Bocconi, Milano)

Interactions in Computer Experiments: What's in the Black Box?

16:15 • Universität Bern, Alpeneggstrasse 22, 3012 Bern, Hörsaal 203

ETH Zürich

Wolfgang Pauli Lectures

Timothy Gowers (University of Cambridge)

The one percent quadrangle condition and its consequences

17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room F 1

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