

Monday, December 1

EPF Lausanne*Talks in Mathematical Finance***Ilya Molchanov (Universität Bern)**

Set-valued portfolios and set-valued risks

11:00 • EPF Lausanne, Extranef, Salle 125

Universität Zürich*Advanced Seminar in Algebraic Geometry***Prof. Dr. Massimo Bertolini (University of Duisburg-Essen)**

Euler systems and the Birch and Swinnerton-Dyer conjecture

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

EPF Lausanne*Geometry Seminar EPFL***Vladimir Fock (Université de Strasbourg)**

Algebra and combinatorics of integrable systems

15:15 • EPF Lausanne, Salle MA A3 31

Universität Basel*Bernoulli-Euler-Zentrum***Dr. Franz Lemmermeyer (Jagstzell, Deutschland)**

Goldbach und die Zahlentheorie

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

Universität Basel*Bernoulli-Euler-Zentrum***Martin Mattmüller (Bernoulli-Euler-Zentrum, Basel)**

Christian Goldbach: ein Kultur- und Geheimdiplommat zwischen Preussen und Russland

18:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, 4051 Basel, Grosser Hörsaal

Tuesday, December 2

ETH Zürich*Nachdiplomvorlesung***Prof. Dr. Alessio Figalli (The University of Texas at Austin)**

The Monge-Ampère equation and its applications

10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

ETH Zürich*Nachdiplomvorlesung***Prof. Dr. Tom Hurd (McMaster University)**

Mathematics of Financial Systemic Risk

10:15 • ETH Zentrum, Building LFW, Room E 15

ETH Zürich*Nachdiplomvorlesung***Prof. Dr. Gitta Kutyniok (Technische Universität Berlin)**

Applied Harmonic Analysis meets Compressed Sensing

13:15 • ETH Zentrum, Building LFW, Room E 15

Université de Genève*Séminaire d'Analyse Numérique***Irene Kyza (University of Dundee)**

Adaptivity and blowup detection for a semilinear parabolic model problem based on a posteriori error analysis

13:45 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

ETH Zürich*Analysis Seminar***Dr. Fabiana Leoni (University "La Sapienza" of Rome)**

Local estimates and global non-existence results for fully nonlinear differential inequalities

14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

<p>ETH Zürich Mikaela Iacobelli (University "La Sapienza" of Rome) A gradient flow approach to quantization of measures 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Analysis Seminar</i>
<p>Universität Fribourg Maciej Dunajski (Cambridge University) Quartics, sextics, and beyond 17:15 • Universität Fribourg, Hörsaal 2.52, Physikgebäude, 1700 Fribourg</p>	<i>Colloquium</i>
Wednesday, December 3	
<p>ETH Zürich Prof. Dr. Marc Burger (ETH Zürich, Switzerland) Soft counting 10:15 • ETH Zentrum, Building CLV, Room B 4</p>	<i>ITS Informal Analytic Number Theory Seminar</i>
<p>Universität Fribourg Maciej Dunajski (Cambridge University) How to recognise a conformally Einstein metric 10:20 • Universität Fribourg, Math II Lonza seminar room</p>	<i>Oberseminar Geometrie</i>
<p>Université de Genève Lionel Lang (Université de Genève) Geometry of Tropical Curves and Application to Real Algebraic Geometry 13:00 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge</p>	<i>Soutenance de thèse</i>
<p>ETH Zürich Prof. Dr. Lothar Göttsche (ICTP, Trieste) Title T.B.A. 14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2</p>	<i>Algebraic Geometry and Moduli Seminar</i>
<p>ETH Zürich Binoy Raveendran (Université de Neuchâtel) Title T.B.A. 15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Geometry Seminar</i>
<p>Universität Zürich Prof. Dr. John Maddocks (EPF Lausanne) Title T.B.A. 16:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<i>Zurich Colloquium in Applied and Computational Mathematics</i>
<p>EPF Lausanne Prof. Dr. Daniel Kuhn (EPF Lausanne) Generalized Gauss inequalities via semidefinite programming 16:15 • EPF Lausanne, Salle ME B3 31</p>	<i>Computational Science and Engineering</i>
<p>Universität Basel Stefano Spirito (Gran Sasso Science Institute, L'Aquila) Artificial compressibility approximation of suitable weak solutions of incompressible Navier-Stokes equations 16:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal</p>	<i>Seminar in Analysis</i>
<p>ETH Zürich Christophe Garban (ENS Lyon) KPZ formula derived from Liouville heat kernel 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Seminar on Stochastic Processes</i>

Thursday, December 4

EPF Lausanne

Menny Aka (ETH Zürich)

Genetic basis and the Whitehead group

10:15 • EPF Lausanne, Salle MA A3 30

Group Theory Seminar

ETH Zürich

Prof. Dr. Athanasios Tzavaras (KAUST, Saudi Arabia)

On problems with discontinuous motions in solid mechanics: shear bands and cavitation

12:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2

Zurich Colloquium in Applied and Computational Mathematics

Université de Genève

Stefan Wenger (Université de Fribourg)

Isoperimetric inequalities and asymptotic geometry

14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17

Séminaire de Topologie et Géométrie

ETH Zürich

Kasia Rejzner (University of York)

Renormalized quantum BV formalism in the Epstein-Glaser framework

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

Talks in Mathematical Physics

Université de Fribourg

Wilderich Tuschmann (Universität Karlsruhe)

Title T.B.A.

15:15 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room

Oberseminar Topologie

ETH Zürich

Martin Schumacher (Université de Fribourg)

From conditional survival to dynamic predictions – aspects of application, statistical modelling and assessment

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

ZüKoSt Zürcher Kolloquium über Statistik

Universität Zürich

Prof. Dr. Reinhard Farwig

Optimal initial value conditions for the Navier-Stokes equations

17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

Workshop in Analysis

ETH Zürich

Prof. Dr. Martin Gander (Université de Genève)

Auf dem Weg zur Methode der finiten Elemente

17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 3

Kolloquium über Mathematik, Informatik und Unterricht

Universität Zürich

Prof. Dr. Alessio Figalli (University of Texas, Austin)

[Video Seminar] Recent applications of the DiPerna-Lions theory to PDEs

18:10 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36

Seminar in Partial Differential Equations

Friday, December 5

Universität Basel

Eric Edo (Université de la Nouvelle Calédonie)

Generalisations of the tame automorphisms over a domain of positive characteristic

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

Seminar Algebra & Geometrie

Universität Basel

Nakul Chitnis (Swiss Tropical Health Institute, Basel)

Title T.B.A.

11:00 • Universität Basel, Mathematisches Institut, Rheinsprung 21, 4051 Basel, Grosser Hörsaal

Seminar in Numerical Analysis

ETH Zürich

Abhishek Saha (Bristol University)

Title T.B.A.

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

Number Theory Seminar

EPF Lausanne

Jean Verrette (University of Hawaii)

Algebraic realization problem for equivariant complex vector bundles over the 2-sphere

14:15 • EPF Lausanne, Salle MA 30

Séminaire de Topologie

Universität Basel

Dr. Martin Orr (University College London)

Heights of pre-special points on Shimura varieties

14:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal

Seminar Zahlentheorie

EPF Lausanne

Prof. Dr. Olivier Glass (Université Paris Dauphine)

Title T.B.A.

15:15 • EPF Lausanne, Salle MA A3 31

Séminaire d'Analyse

ETH Zürich

Prof. Dr. Lothar Göttsche (ICTP, Trieste)

Title T.B.A.

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

Algebraic Geometry and Moduli Seminar

Special Announcements

Zum 250. Todestag von Christian Goldbach

Bernoulli Euler Zentrum

University of Basel

December 1, 2014

<http://math.ch/archive/documents/BEZ-Handzettel.pdf>

Expanders Everywhere!

University of Neuchâtel

December 1-5, 2014

<https://sites.google.com/site/expanderseverywhere/>

Farewell Lecture

Hans-Christoph Im Hof

Basel, December 12, 2014

https://math.unibas.ch/fileadmin/mathe/redaktion/Bilder/Interne_Anlaesse/Abschied_Im_Hof/Abschiedsvorlesung.pdf

Rigi-Workshop 2015

Mathematical and Computational Modeling in Life Sciences

Rigi-Kulm

January 18-20, 2015

[http://biologie.scnat.ch/rigi-workshop/click to edit](http://biologie.scnat.ch/rigi-workshop/click%20to%20edit)

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