

Monday, April 24**Universität Zürich****Dr. Jean-Baptiste Teyssier (KU Leuven)**

Skeletons and moduli of Stokes torsors

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

*Oberseminar: Algebraische Geometrie***Université de Genève****Fredrik Johansson Viklund (KTH, Stockholm)**

Loop-erased walks and natural parametrization

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

*Séminaire de Mathématique Physique***Universität Bern****Prof. Dr. Christoph Schwab (ETH Zurich)**

Numerical Analysis of High-Dimensional PDEs

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

*Mathematisches Kolloquium***Tuesday, April 25****EPF Lausanne****Georg Biedermann (Université Paris 13)**

A generalized Blakers-Massey theorem and Goodwillie calculus

10:15 • EPF Lausanne, Salle CM 113

*Séminaire de Topologie***Université de Genève****Bachir Bekka (Université de Rennes 1)**

Actions isométriques de groupes sur des espaces de Hilbert et algèbres de von Neumann

10:30 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

*Groupes et Géométrie***Université de Neuchâtel****Masato Mimura (EPF Lausanne)**

Unbounded updates of fixed points

11:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile - Argand 11, Auditoire B217

*Groups and analysis***EPF Lausanne****Mathieu Carrière (INRIA/Saclay)**

A theoretical framework for the analysis of Mapper

14:15 • EPF Lausanne, Salle C0 121

*Seminar of Applied Topology***Université de Genève****Albert Ruehli (Missouri University of Science and Technology)**

Solving Maxwell's equation in the circuit domain

14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 624

*Séminaire d'Analyse Numérique***Université de Genève****Andrei Jaikin-Zapirain (Universidad Autonoma de Madrid)**

On l2-Betti numbers and their analogues in positive characteristic

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

*Groupes et Géométrie***ETH Zürich****Prof. Dr. Matteo Bonforte (Universidad Autónoma de Madrid)**

Title T.B.A.

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

Analysis Seminar

<p>Universität Zürich Prof. Dr. Gerhard Huisken (Universität Tübingen + MFO) „Properties and applications of inverse mean curvature flow“ 17:15 • UZH Zentrum, Building KO2, Room F 150</p>	<p><i>Zurich Colloquium in Mathematics</i></p>
<p>Université de Fribourg Prof. Dr. Antti Knowles (Université de Genève) Extreme eigenvalues of sparse random graphs 17:15 • Université de Fribourg, room Phys 2.52</p>	<p><i>Colloquium</i></p>
<p>Wednesday, April 26</p>	
<p>ETH Zürich Prof. Dr. Eitan Tadmor (University of Maryland & ITS-ETH Zürich) Self-organized dynamics. From emerging consensus to hydrodynamic flocking 10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Nachdiplomvorlesung</i></p>
<p>Université de Fribourg Anders Karlsson (Université de Genève) New general ergodic theorems, invariant metrics and their functionals 10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room</p>	<p><i>Oberseminar Geometrie</i></p>
<p>ETH Zürich Dr. Clément Dupont (Université de Montpellier) Title T.B.A. 13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Algebraic Geometry and Moduli Seminar</i></p>
<p>ETH Zürich Thijs Laarhoven (IBM Research - Zürich) Sieving for shortest lattice vectors using near neighbor techniques 15:00 • ETH Zentrum, Winterthurerstrasse 190, Zürich, Building Y27, Room H 28</p>	<p><i>Seminar on Coding Theory and Cryptography</i></p>
<p>ETH Zürich Romain Tessera (CNRS-Université Paris-Sud) Title T.B.A. 15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Geometry Seminar</i></p>
<p>ETH Zürich Veronica Estrada (Université de Neuchâtel, Institut d'Informatique) Practical erasure codes for storage systems 16:00 • ETH Zentrum, Winterthurerstrasse 190, Zürich, Building Y27, Room H 28</p>	<p><i>Seminar on Coding Theory and Cryptography</i></p>
<p>Universität Zürich Prof. Dr. Xue-Mei Li (University of Warwick) Weighted heat kernels and 'Brownian bridges' 16:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<p><i>Zurich Colloquium in Applied and Computational Mathematics</i></p>
<p>EPF Lausanne Prof. Dr. Stefan Sauter (Universität Zürich) A Family of Crouzeix -Raviart Non -Conforming Finite Elements in Two - and Three Spatial Dimensions 16:15 • EPF Lausanne, Salle ME D0 1418</p>	<p><i>Computational Science and Engineering</i></p>
<p>Universität Zürich Charles Bordenave (Université de Toulouse) Spectrum of random graphs 17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12</p>	<p><i>Seminar on Stochastic Processes</i></p>

Thursday, April 27

ETH Zürich

Prof. Dr. Richard Schoen (University of California, Irvine)

Topics in scalar curvature

09:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Nachdiplomvorlesung

Université de Genève

Lukas Lewark (Universität Bern)

Title T.B.A.

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

Séminaire de Topologie et Géométrie

EPF Lausanne

Dr. Enrico Facca (University of Padua)

Biologically inspired formulation of optimal transportation problems. An unexpected branching source

14:15 • EPF Lausanne, Salle CM 1 221

Computational Science and Engineering

ETH Zürich

Marjolein Fokkema (Department of Methods and Statistics der Universität Leiden, NL)

Prediction rule ensembles, or a Japanese gardening approach to random forests

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

ZüKoSt Zürcher Kolloquium über Statistik

ETH Zürich

Prof. Dr. Marco Hutter (ETHZ, Inst. f. Robotik u. Intell. Syst.)

Legged robots – the future of all-terrain mobility

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 5

ITS Science Colloquium

ETH Zürich

Scott Robertson (Boston University)

The pricing of contingent claims and optimal positions in asymptotically complete markets

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

Talks in Financial and Insurance Mathematics

Universität Zürich

Prof. Dr. Daniel Tataru (University of California)

[Video] The threshold theorem for the hyperbolic Yang-Mills flow

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

PDE and Mathematical Physics

Friday, April 28

EPF Lausanne

Jaksa Cvitanic (Caltech)

Asset pricing under optimal contracts

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

Talks in Mathematical Finance

EPF Lausanne

Dr. Emeric Thibaud (EPF Lausanne)

Exploration and inference in spatial extremes using empirical basis functions

15:15 • EPF Lausanne, Salle MA 10

Statistics Seminar

ETH Zürich

Dr. Clément Dupont (Université de Montpellier)

Title T.B.A.

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

Algebraic Geometry and Moduli Seminar

Special Announcements

DMV-SMG Workshop 2018

Call for Proposals

Interested organizers are invited to send their application before May 1, 2017

http://math.ch/archive/documents/Workshop_DMV_SMG_2018.pdf

SMS Annual Meeting 2017

and General Assembly

May 5, 2017

SMS Public Lecture 2017

Ivan Cheltsov (University of Edinburgh)

Rational and non-rational varieties

University of Basel

<http://www.math.ch/activities/annual-meeting-2017/>

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