

Monday, October 28

EPF Lausanne

Viktoriya Ozornova (Universität Bochum)

Homotopy Theory for 2-Categories

10:15 • EPF Lausanne, Salle MA 10

Séminaire de Topologie

ETH Zürich

Prof. Dr. Amir Mohammadi (Department of Mathematics, UC San Diego)

Geodesic planes in hyperbolic 3-manifolds and arithmeticity

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

Ergodic Theory and Dynamical Systems Seminar

ETH Zürich

Yanki Lekili (King's college, London)

A symplectic look at the Fargues-Fontaine curve

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

Symplectic Geometry Seminar

EPF Lausanne

Judith Abardia (Universität Frankfurt)

Flag Area Measure

16:15 • EPF Lausanne, Salle MA B1 524

Seminar on Metric and Differential Geometry

Université de Genève

Alessandro Olgiati (SISSA, Trieste)

Stability of the Laughlin phase in presence of interactions

16:15 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 17

Séminaire de Mathématique Physique

Université de Genève

Ilia Itenberg (Université Sorbonne)

Planes in four-dimensional cubics

16:30 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Séminaire "Fables Géométriques"

Universität Bern

Prof. Dr. Jan Maas (Institute of Science and Technology Austria)

Gradient flows and optimal transport: continuous, discrete, and quantum

17:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture Room 228

Mathematisches Kolloquium

ETH Zürich

Prof. Dr. Ehud Hrushovski (Oxford University)

1. Hopf Lecture: Logic and geometry: the model theory of finite fields and difference fields

17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 60

Heinz Hopf Preis 2019

Tuesday, October 29

ETH Zürich

Craig Evans (University of California, Berkeley)

Weak Convergence Methods for Nonlinear Partial Differential Equations

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

Nachdiplomvorlesung

Université de Genève

Keivan Mallahi Karai (Jacobs University, Bremen)

Spectral independence of compact groups

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

Groupes et Géométrie

Universität Basel

Stavros Papadakis (University of Ioannina, Greece)

Graded Rings and Birational Geometry

10:30 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Seminar Room 05.001

Seminar Algebra & Geometrie

ETH Zürich Prof. Dr. Maryanthe Malliaris (University of Chicago) Symposium: Simplicity and complexity in model theory 11:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E E3	<i>Heinz Hopf Preis 2019</i>
Université de Fribourg Philipp Reiser (Universität Karlsruhe) Moduli Spaces of Riemannian Metrics with Positive Scalar Curvature on Topological Spherical Space Forms 13:15 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room	<i>Oberseminar Topologie</i>
ETH Zürich Prof. Dr. Katrin Tent (Universität Münster) Symposium: Ample structures of finite Morley rank 14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E E3	<i>Heinz Hopf Preis 2019</i>
Université de Genève Gabriele Rembado (Université de Genève) Title T.B.A. 15:00 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge	<i>Stokes Seminar</i>
EPF Lausanne Pierre Leboudec (Universität Basel) Title T.B.A. 15:15 • EPF Lausanne, Salle tba	<i>Groups, Arithmetic and Algebraic Geometry Seminar</i>
ETH Zürich Prof. Dr. Lou Van den Dries (University of Illinois) Symposium: Hardy fields and transseries 15:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E E3	<i>Heinz Hopf Preis 2019</i>
EPF Lausanne Prof. Dr. Katharina Schratz (Heriot-Watt University) Nonlinear Fourier integrators for dispersive equations 16:15 • EPF Lausanne, Salle MA A3 30	<i>Computational Mathematics Seminar</i>
ETH Zürich Prof. Dr. Ehud Hrushovski (Oxford University) 2. Hopf Lecture: Logic and geometry: the model theory of finite fields and difference fields 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 60	<i>Heinz Hopf Preis 2019</i>
Wednesday, October 30	
Université de Fribourg Jonas Beyrer (Universität Heidelberg) Marked length spectrum rigidity for actions on CAT(0) cube complexes 10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room	<i>Oberseminar Geometrie</i>
Universität Basel Alain-Sol Sznitman (ETH Zürich) On bulk deviations for the local behavior of random interlacements 11:00 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Seminar Room 05.001	<i>Seminar in Probability Theory</i>
EPF Lausanne Stefan Pomberger (Quant Group Fixed Income) Title T.B.A. 12:00 • EPF Lausanne, Quartier UNIL - Dorigny, Salle Extranef 126	<i>Talks in Mathematical Finance</i>
ETH Zürich Bill Duke (University of California, Los Angeles) Topics in modern analytic number theory 13:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Nachdiplomvorlesung</i>

ETH Zürich Dr. Pierrick Bousseau (ETHZ-ITS) Title T.B.A. 13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2	<i>Algebraic Geometry and Moduli Seminar</i>
EPF Lausanne Taro Sano (University of Kobe, Japan) Deformations of Fano/Calabi-Yau varieties (Lecture serie) 15:15 • EPF Lausanne, Salle tba	<i>Groups, Arithmetic and Algebraic Geometry Seminar</i>
ETH Zürich Prof. Dr. Ian Hawke (University of Southampton) Numerical simulations of Gravitational Waves from Neutron Stars 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2	<i>Zurich Colloquium in Applied and Computational Mathematics</i>
ETH Zürich Yueyun Hu (Université Paris 13) The Derrida-Retaux conjecture on recursive models 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Seminar on Stochastic Processes</i>
Thursday, October 31	
Université de Genève Gabriele Rembado (Université de Genève) Title T.B.A. 10:00 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge	<i>Stokes Seminar</i>
ETH Zürich Juan-Pablo Ortega (Universität St. Gallen) Machine Learning of Dynamic Processes with Applications to Forecasting 10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Nachdiplomvorlesung</i>
Universität Basel Walter Gubler (Universität Regensburg) Local Volumes and Monge-Ampère measures over a non-archimedean field 14:15 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Seminar Room 05.001	<i>Seminar Zahlentheorie</i>
EPF Lausanne Taro Sano (University of Kobe, Japan) Deformations of Fano/Calabi-Yau varieties (Lecture serie) 15:15 • EPF Lausanne, Salle tba	<i>Groups, Arithmetic and Algebraic Geometry Seminar</i>
ETH Zürich Donald Youmans (Université de Genève) Title T.B.A. 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Talks in Mathematical Physics</i>
EPF Lausanne Madhu Sudan (Harvard University) Title T.B.A. 16:15 • EPF Lausanne, Salle BC229	<i>Theory and Combinatorics Seminar</i>
ETH Zürich Jean Pinquet (Université Paris Nanterre) Poisson models with dynamic random effects and nonnegative credibilities per period 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Talks in Financial and Insurance Mathematics</i>
Universität Zürich Dr. Jessica Guerand (DPMMS, University of Cambridge) Quantitative regularity for parabolic De Giorgi classes 18:10 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36	<i>Seminar PDE and Mathematical Physics</i>

Friday, November 1

EPF Lausanne

Talks in Mathematical Finance

Paymon Khorrami (The University of Chicago)

The Risk of Risk-Sharing: Diversification and Boom-Bust Cycles

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

Universität Basel

Seminar in Numerical Analysis

Giacomo De Souza (EPF Lausanne)

Title T.B.A.

11:00 • Universität Basel, Departement Mathematik und Informatik, Spiegelgasse 5, 4051 Basel, Raum 05.001

ETH Zürich

Number Theory Seminar

Subhajit Jana (ETH Zürich, Switzerland)

Title T.B.A.

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

EPF Lausanne

Groups, Arithmetic and Algebraic Geometry Seminar

Taro Sano (University of Kobe, Japan)

Deformations of Fano/Calabi-Yau varieties (Lecture serie)

15:15 • EPF Lausanne, Salle tba

ETH Zürich

Algebraic Geometry and Moduli Seminar

Dr. Longting Wu (ETH Zürich)

Title T.B.A.

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

EPF Lausanne

Soutenance de Thèse

Francesco Statti (EPF Lausanne)

Numerical methods for option pricing: polynomial approximation and high dimensionality

17:00 • EPF Lausanne, Salle ELA 1

Special Announcements

Annual Stiefel Lecture 2019

David Donoho (Stanford)

ETH Zürich

November 8, 2019

<https://math.ethz.ch/sfs/research/fds/events.html>

Dedekind Lectures

Hourya Benis Sinaceur

ETH Zürich

November 21, 2019

<https://people.math.ethz.ch/~halorenz/dedekind.html>

Book launch

Leonhard Euler's methods of celestial mechanics

Physics Department & BEZ University of Basel

November 22, 2019

https://math.ch/Handzettel_Praesentation-II26.pdf