

Monday, November 11

EPF Lausanne

Pedro Boavida (University of Lisbon, Portugal)

Galois Symmetries on Knot Spaces

10:15 • EPF Lausanne, Salle MA 10

Séminaire de Topologie

Universität Zürich

Gabriel Dill (Universität Basel)

On the Zilber-Pink Conjecture for complex abelian varieties

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

Oberseminar: Algebraische Geometrie

ETH Zürich

Dr. Nguyen-Thi Dang (Université Rennes 1)

Topological dynamics of the Weyl Chamber flow

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

Ergodic Theory and Dynamical Systems Seminar

Université de Genève

Tyler Helmuth (University of Bristol)

Random spanning forests and hyperbolic symmetry

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

Séminaire de Mathématique Physique

Université de Genève

Weronika Czerniawska (University of Nottingham)

Beilinson's Conjectures

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

Séminaire de Travail: Géométrie Tropicale

EPF Lausanne

Prof. Dr. Alessio Figalli (ETH Zürich)

Regularity of Interfaces in Phase Transitions via Obstacle Problems

17:15 • EPF Lausanne, Forum Rolex

Mathematics Colloquium

Tuesday, November 12

Université de Genève

Nikita Nikolaev (Université de Genève)

Title T.B.A.

t.b.a. • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Stokes Seminar

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

Universität Basel

Enrica Mazzon (Imperial College London)

Dual complexes of degenerations and Berkovich geometry

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

Seminar Algebra & Geometrie

Université de Genève

Yingxiang Xu (Northeast Normal University, Changchun, China)

Optimized Schwarz methods with Ventcell transmission condition for Stokes-Darcy coupling

14:00 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 623

Séminaire d'Analyse Numérique

Université de Neuchâtel

Alain Valette (Université de Neuchâtel)

What is... weak amenability?

14:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile - Argand 11, Salle B 217

Groups and analysis

ETH Zürich Prof. Dr. Xavier Cabré (ICREA and UPC (Barcelona)) Nonlocal minimal surfaces: gradient estimate and fractional Michael-Simon inequality 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Analysis Seminar</i>
ETH Zürich Olga Sorkine-Hornung (ETH Zürich) Interactive Modeling of 3D Shapes from Scans and 2D Sheets 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2	<i>ITS Science Colloquium</i>
Université de Fribourg Prof. Dr. Wojciech Samotij (Tel Aviv University) Large deviations in random graphs 17:15 • Université de Fribourg, room Phys 2.52	<i>Colloquium</i>

Wednesday, November 13	
Université de Fribourg Patrick Ghanaat (Université de Fribourg) Spectrum of framed Riemannian manifolds and Nomizu's vanishing theorem 10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room	<i>Oberseminar Geometrie</i>
Universität Basel Jean-François Rodriguez (Imperial College London) On the phase transition for level-set percolation of the Gaussian free field 11:00 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Seminar Room 05.001	<i>Seminar in Probability Theory</i>
EPF Lausanne Francesco Mandala (Julius Baer) 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. Longting Wu (ETH Zürich) Holomorphic anomaly equation for (CP^2, E) , Part II 13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2	<i>Algebraic Geometry and Moduli Seminar</i>
EPF Lausanne François Loeser (Université de Paris) Title T.B.A. 15:15 • EPF Lausanne, Salle tba	<i>Groups, Arithmetic and Algebraic Geometry Seminar</i>
ETH Zürich Gabriele Viaggi (Universität Bonn) Title T.B.A. 15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Geometry Seminar</i>
ETH Zürich Prof. Dr. Steffen Börm (Institut für Informatik, Universität Kiel) Fast Boundary Element Methods for Electrostatic Field Computations 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2	<i>Zurich Colloquium in Applied and Computational Mathematics</i>
ETH Zürich Franco Severo (IHES) Coincidence of critical parameters for percolation of Gaussian Free Field level-sets 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Seminar on Stochastic Processes</i>

Thursday, November 14	
Université de Genève Nikita Nikolaev (Université de Genève) Title T.B.A. t.b.a. • 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>
Université de Neuchâtel Prof. Dr. Corentin Léna (Stockholms Universitet) How to count nodal domains? 12:45 • Université de Neuchâtel, Rue Emile-Argand 11, salle B013	<i>Colloques du jeudi</i>
EPF Lausanne Maxime Gheysens (Universität Dresden) A Group from Beyond Infinity 13:00 • EPF Lausanne, Salle MA 10	<i>Ergodic and Geometry Group Theory</i>
ETH Zürich Nicolai Reshetikhin (ETH-ITS and University of California, Berkeley) Integrable and superintegrable systems on moduli spaces of flat connections II 14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Talks in Mathematical Physics</i>
Université de Genève Livio Ferretti (Universität Bern) Title T.B.A. 14:15 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 623	<i>Séminaire de Topologie et Géométrie</i>
ETH Zürich Philippe Di Francesco (University of Illinois at Urbana-Champaign) Title T.B.A. 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Talks in Mathematical Physics</i>
Universität Basel Prof. Dr. Jürgen Hausen (Universität Tübingen) Algebraic torus actions 16:15 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Seminar Room 05.002	<i>Perlen-Kolloquium</i>
Universität Zürich Prof. Dr. Eva Miranda (Universitat Politècnica de Catalunya) [Video] Universality of Euler flows and flexibility of Reeb embeddings 18:10 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36	<i>Seminar PDE and Mathematical Physics</i>
Friday, November 15	
Universität Basel Michael Multerer (USI Lugano) Title T.B.A. 11:00 • Universität Basel, Departement Mathematik und Informatik, Spiegelgasse 5, 4051 Basel, Raum 05.001	<i>Seminar in Numerical Analysis</i>
EPF Lausanne Dr. Heather Battey (Imperial College London) Aspects of high-dimensional inference 14:15 • EPF Lausanne, Salle tba	<i>Statistics Seminar</i>
ETH Zürich Title T.B.A. 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1	<i>Research Seminar in Statistics</i>

Special Announcements

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

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