

Monday, December 16

Université de Neuchâtel

*Séminaire de Géométrie et Systèmes dynamiques***Nikolay Martynchuk (FA University Erlangen-Nürnberg)**

Hamiltonian monodromy and its generalizations, a topological approach

10:00 • Université de Neuchâtel, Rue Emile Argand 11

EPF Lausanne

*Séminaire de Topologie***Scott Balchin (University of Warwick)**

Reconstructing Tensor-Triangulated Categories

10:15 • EPF Lausanne, Salle MA A1 10

Universität Zürich

*Oberseminar: Algebraische Geometrie***Prof. Dr. Grzegorz Kapustka (Uniwersytet Jagiellonski w Krakowie)**

EPW cubes

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

ETH Zürich

*Algebraic Geometry and Moduli Seminar***Dr. Drew Johnson (ETH Zürich)**

How a "strange duality" influences universal series for Hilbert schemes of points

13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2

ETH Zürich

*Ergodic Theory and Dynamical Systems Seminar***Or Landesberg (The Hebrew University)**

Horospherically invariant measures on geometrically infinite quotients

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

Université de Genève

*Séminaire de Mathématique Physique***Lucas Benigni (University of Chicago)**

Fermionic eigenvector moment flow

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

Universität Bern

*Mathematisches Kolloquium***Prof. Dr. Oliver Lorscheid (IMPA Brasil / MPI Bonn)**

The moduli space of matroids

17:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture Room 119

Tuesday, December 17

ETH Zürich

*Nachdiplomvorlesung***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

Université de Genève

*Séminaire d'Analyse Numérique***Jean-Luc Falcone (Université de Genève)**

Title T.B.A.

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

Université de Neuchâtel

*Groups and analysis***Ana Khukhro (University of Cambridge)**

On a generalization of expanders

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

<p>ETH Zürich Prof. Dr. Annamaria Montanari (Università di Bologna) On the Harnack inequality in doubling quasi-metric spaces and applications 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Analysis Seminar</i>
<p>EPF Lausanne Yossi Bokor (University of Sydney) Stratified Space Learning – Reconstructing Embedded Graphs 16:15 • EPF Lausanne, Salle PH H3 33</p>	<i>Seminar of Applied Topology</i>
<p>Universität Zürich Prof. Dr. Gigliola Staffilani (MIT) The Schrödinger equation as inspiration of beautiful mathematics 17:15 • UZH Zentrum, Building KO2, Room F 150</p>	<i>Zurich Colloquium in Mathematics</i>
Wednesday, December 18	
<p>Universität Basel Nicolas Macris (EPF Lausanne) Optimal errors and phase transitions in high-dimensional generalised linear models 11:00 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 1, Seminar Room 05.003</p>	<i>Seminar in Probability Theory</i>
<p>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</p>	<i>Nachdiplomvorlesung</i>
<p>ETH Zürich Prof. Dr. Nicola Tarasca (Virginia Commonwealth University) Vertex algebras of CohFT-type 13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2</p>	<i>Algebraic Geometry and Moduli Seminar</i>
<p>Université de Genève Paola Francesca Antonietti (Politecnico di Milano) Fast solution techniques for high-order Discontinuous Galerkin method on polygonal/polyhedral grids 14:00 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 623</p>	<i>Séminaire d'Analyse Numérique</i>
<p>EPF Lausanne Prof. Dr. Marco Di Francesco (Università di L'Aquila) Deterministic Particle Models for Scalar Conservation Laws and Related Models 14:15 • EPF Lausanne, Salle MED 0 1418</p>	<i>Seminar of Mathematics</i>
<p>Universität Zürich Ferruh Ozbudak (Middle East Technical University, Ankara) Title T.B.A. 15:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 28</p>	<i>Seminar on Coding Theory and Cryptography</i>
<p>EPF Lausanne Lucile Devin (CRM, Université de Montréal) Low-lying zeros in a family of holomorphic cusp forms 15:15 • EPF Lausanne, Salle tba</p>	<i>Groups, Arithmetic and Algebraic Geometry Seminar</i>
<p>EPF Lausanne Prof. Dr. Lorenzo Portinale (IST Austria) Optimal Transport and Gradient Flows: A Discrete-to-Continuum Approximation Problem 15:15 • EPF Lausanne, Salle MED 0 1418</p>	<i>Seminar of Mathematics</i>
<p>ETH Zürich Stephan Stadler (LMU München) Intermediate Quasiflats 15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Geometry Seminar</i>

ETH Zürich

Seminar on Stochastic Processes

Romain Tessera (Université Paris Orsay)

Quantitative measure equivalence between finitely generated groups

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

Thursday, December 19

ETH Zürich

Nachdiplomvorlesung

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

Université de Genève

Séminaire de Topologie et Géométrie

Roland van der Veen (Universiteit Leiden)

Title T.B.A.

14:15 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 623

Universität Basel

Seminar Zahlentheorie

Harry Schmidt (Universität Basel)

Title T.B.A.

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

Friday, December 20

Universität Basel

Seminar in Numerical Analysis

Kristin Kirchner (ETH Zürich)

Numerical methods for fractional PDEs with applications to spatial statistics

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

Université de Genève

Séminaire d'Analyse Numérique

Christian Lubich (Universität Tübingen)

Variationally evolving Gaussians revisited

11:15 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 623

Special Announcements

Winter School: Turbulence in fluids and PDEs

EPF Lausanne

January 27-31, 2020

<https://www.epfl.ch/labs/amcv/amcv/events/school-turbulence-in-fluids-and-pdes/>

Geometry of Complex Webs: GeoCoW2020

Les Diablerets

February 2-5, 2020

<https://sites.google.com/view/geocow2020>

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