

Monday, December 9

ETH Zürich

Symplectic Geometry Seminar

Bahar Acu (Northwestern University)

Planarity in higher-dimensional contact manifolds

13:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2

Universität Zürich

Oberseminar: Algebraische Geometrie

Prof. Dr. Paul Arne Oestvaer (Department of Mathematics University of Oslo)

Title T.B.A.

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

ETH Zürich

Ergodic Theory and Dynamical Systems Seminar

Dr. Menny Akka (ETHZ)

Tba

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

Tuesday, December 10

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

Groupes et Géométrie

Shi Wang (Max Planck Institute for Mathematics)

Gromov norm on nonpositively curved manifolds

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

Universität Basel

Seminar Algebra & Geometrie

Elisa Gorla (Université de Neuchâtel)

Title T.B.A.

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

Université de Fribourg

Oberseminar Topologie

Jan-Bernhard Kordass (Université de Fribourg)

Ebin's slice theorem and homotopy groups of moduli spaces of riemannian metrics II

13:15 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room

Université de Neuchâtel

Groups and analysis

Andreas Thom (Universität Dresden)

Obstructions to stability

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

EPF Lausanne

Groups, Arithmetic and Algebraic Geometry Seminar

Eloise Hamilton (Oxford University)

Title T.B.A.

15:00 • EPF Lausanne, Salle tba

ETH Zürich

ETH-FDS Seminar

Yue Lu (John A. Paulson School of Engineering and Applied Sciences, Harvard University)

Exploiting the Blessings of Dimensionality in Big Data

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2

EPF Lausanne Prof. Dr. Emmanuel Abbe (Mathematical Data Science (SB/IC)) Detecting communities in random graphs 17:15 • EPF Lausanne, Salle CO 3		<i>Seminar of Mathematics</i>
Wednesday, December 11		
Universität Zürich Michael Ehrig (Beijing Institute of Technology) Lie Superalgebras via Schur-Weyl duality and Categorification 10:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 28		<i>Talks in Mathematical Physics</i>
Universität Basel Daniele Tantari (Scuola Normale Superiore) Title T.B.A. 11:00 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Seminar Room 05.001		<i>Seminar in Probability Theory</i>
ETH Zürich Andrew Mathas (University of Sydney) An overview of the representation theory of the symmetric groups 13:00 • ETH Zentrum, Building Y23, Room G 04		<i>Talks in Mathematical Physics</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 Prof. Dr. David Holmes (University of Leiden) Tropical divisors and the double ramification cycle 13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room F 26.1		<i>Algebraic Geometry and Moduli Seminar</i>
Université de Neuchâtel Michela Ceria (Università degli Studi di Milano) Title T.B.A. 15:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile - Argand 11, Salle B 217		<i>Seminar on Coding Theory and Cryptography</i>
EPF Lausanne Ivan Cherednik (Lomonossow-Universität, Russland) Riemann Hypothesis for Zeta-functions of Plane Curve Singularities 15:15 • EPF Lausanne, Salle GC A3 30		<i>Groups, Arithmetic and Algebraic Geometry Seminar</i>
ETH Zürich Alexander Lytchak (Universität Köln) Topological stability in upper curvature bounds 15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43		<i>Geometry Seminar</i>
EPF Lausanne Nikhil Bansal (University of Eindhoven) Title T.B.A. 16:15 • EPF Lausanne, Salle BC229		<i>Theory and Combinatorics Seminar</i>
ETH Zürich Prof. Dr. Steffen Börm (Christian-Albrechts-Universität zu 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>
Université de Neuchâtel Gianira Nicoletta Alfarano (Universität Zürich) Title T.B.A. 16:15 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile - Argand 11, Salle B 217		<i>Seminar on Coding Theory and Cryptography</i>

ETH Zürich Christophe Garban (Université de Lyon) Inverted orbits of exclusion processes, diffuse-extensive- amenability and (non-?)amenability of the interval exchanges 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Seminar on Stochastic Processes</i>
Thursday, December 12	
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>
ETH Zürich Yuri Berest (Cornell University) Representation homology and contact homology of topological spaces III 14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Talks in Mathematical Physics</i>
Université de Genève Anthony Conway (Max Planck Institut für Mathematik) Non-slice linear combinations of iterated torus knots 14:15 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 623	<i>Séminaire de Topologie et Géométrie</i>
Universität Basel Marta Dujella (Universität Basel) Title T.B.A. 14:15 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Seminar Room 05.001	<i>Seminar Zahlentheorie</i>
EPF Lausanne Federico Scavia (University of British Columbia) Essential dimension of representations of algebras 15:00 • EPF Lausanne, Salle tba	<i>Groups, Arithmetic and Algebraic Geometry Seminar</i>
ETH Zürich Kenji Iohara (Université de Lyon) Title T.B.A. 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Talks in Mathematical Physics</i>
ETH Zürich Benjamin Sudakov (ETH Zürich) Probabilistic reasoning, packing, and decomposition problems 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 5	<i>ITS Science Colloquium</i>
ETH Zürich Christian Furrer (University of Copenhagen) On Forward Transition Rates And Representation of Some Non-classic Payment Processes via Change-of-measure Techniques 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Talks in Financial and Insurance Mathematics</i>
Universität Zürich Prof. Dr. Catherine Sulem (University of Toronto) Bloch theory and spectral gaps for the linearized water wave system 18:10 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36	<i>Seminar PDE and Mathematical Physics</i>
Friday, December 13	
EPF Lausanne Elizabeth Anne Berger (Cornell University) Half Banked: The Real Effects of Financial Exclusion on Firms 10:30 • EPF Lausanne, Quartier UNIL - Dorigny, Salle Extranef 126	<i>Talks in Mathematical Finance</i>

Universität Basel Théophile Chaumont-Frelet (INRIA, Nice - Sophia Antipolis) 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>
Universität Zürich Annette Kopp- Schneider (DKFZ) Incorporation of historical data in clinical trials 13:00 • UZH Zentrum, Building HIT, Room E 03	<i>ZüKoSt Zürcher Kolloquium über Statistik</i>
ETH Zürich Prof. Dr. David Holmes (Univ. of Leiden) The universal double ramification cycle 13:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2	<i>Algebraic Geometry and Moduli Seminar</i>
Université de Fribourg Michela Ceria (University of Milan) Combinatorics of ideals of points: Groebner escaliers, separator polynomials and applications to Algebraic Statistics 14:00 • Université de Fribourg	<i>InterCity Seminar BeNeFri</i>
ETH Zürich Prof. Dr. Ambrus Pal (Imperial College) Special values of L-functions and the rigid analytical regulator of Mumford curves in positive characteristic (joint with Oli Gregory) 14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Number Theory Seminar</i>
Universität Bern Dr. Aretha Teckentrup (University of Edinburgh) Title T.B.A. 16:00 • Universität Bern, Alpeneggstrasse 22, 3012 Bern, Hörsaal -203	<i>Colloquia on Probability and Statistics</i>

Special Announcements
Plancherel Lecture <i>Andreas Thom (TU Dresden)</i> University of Fribourg December 9, 2019 https://math.ch/Poster-Thom-Plancherel2019.pdf
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