

Monday, November 4

EPF Lausanne

Séminaire de Topologie

George Raptis (Universität Regensburg)

Higher Homotopy Categories, Higher Derivators, and K-Theory

10:15 • EPF Lausanne, Salle MA 10

Universität Zürich

Oberseminar: Algebraische Geometrie

Dr. Florian Strunk (Universität Regensburg)

On a conjecture of Vorst

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

Université de Genève

Séminaire de Mathématique Physique

Christian Webb (Aalto University, Finland)

How much can the eigenvalues of a random Hermitian matrix fluctuate?

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

ETH Zürich

Symplectic Geometry Seminar

Agnès Gadbled (Uppsala University)

Categorical action of the braid group of the cylinder: symplectic aspect

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

Université de Genève

Séminaire "Fables Géométriques"

Pierrick Bousseau (ETH Zürich)

Quasimodular forms from Betti numbers

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

Universität Bern

Mathematisches Kolloquium

Prof. Dr. Giuseppe Buttazzo (University of Pisa)

Relations between torsional rigidity and principal eigenvalue

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

Tuesday, November 5

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

Alessio Savini (Università di Bologna)

Borel invariant of measurable cocycles of 3-manifold groups

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

Universität Basel

Seminar Algebra & Geometrie

Shengyuan Zhao (Université de Rennes)

Birational Kleinian groups and birational structures

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

EPF Lausanne

Groups, Arithmetic and Algebraic Geometry Seminar

Hartmut Monien (Universität Bonn)

Dessins d'enfants and modular curves associated to the sporadic group Co3 and Janko 2

15:00 • EPF Lausanne, Salle tba

ETH Zürich

Analysis Seminar

Dr. Yash Jhaveri (Institute for Advanced Study, Princeton University)

Regularity of the Singular Set in the Thin Obstacle Problem

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

EPF Lausanne Prof. Dr. Erik Burman (University College London) Ill-Posed Problems and Stabilized Finite Element Methods 16:15 • EPF Lausanne, Salle MA A3 30	<i>Computational Mathematics Seminar</i>
Université de Fribourg Prof. Dr. Helmut Harbrecht (Universität Basel) Analytical and numerical methods in shape optimization 17:15 • Université de Fribourg, room Phys 2.52	<i>Colloquium</i>
Universität Zürich Prof. Dr. William Duke (UCLA, Los Angeles) Modular forms in arithmetic and geometry 17:15 • UZH Zentrum, Building KO2, Room F 150	<i>Zurich Colloquium in Mathematics</i>

Wednesday, November 6	
Université de Fribourg Prof. Dr. Stefan Wenger (Université de Fribourg) Title T.B.A. 10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room	<i>Oberseminar Geometrie</i>
Universität Basel ShengYuan Zhao (Universität Basel) Complex projective structures on Riemann surfaces 11:15 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Seminar Room 05.002	<i>Bernoullis Tafelrunde</i>
EPF Lausanne Armand Hirt (Risk Management) 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>
EPF Lausanne Abel Sagodi (University of Amsterdam) Categorising Attractor Dynamics in Neural Data 14:00 • EPF Lausanne, Campus Biotech	<i>Seminar of Applied Topology</i>
EPF Lausanne Holger Dell (ITU Copenhagen) Algorithms for Small Structures in Large Networks 16:15 • EPF Lausanne, Salle BC229	<i>Theory and Combinatorics Seminar</i>
ETH Zürich Afonso Bandeira (ETH Zürich) Hidden rare events, statistical-to-computational gaps, and hardness in the Sherrington-Kirkpatrick Hamiltonian 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Seminar on Stochastic Processes</i>

Thursday, November 7	
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 Lausanne Christina Nicolas (Geneva School of Business Administration) Who Trusts Insurance? Empirical Evidence from Seven Industrialised Countries 11:00 • Université de Lausanne, Quartier UNIL - Anthropole - 5157	<i>Talks in Actuarial Mathematics</i>
Université de Neuchâtel Prof. Dr. Mikaela Iacobelli (ETH Zürich) Recent results on singular limits for Vlasov-Poisson 12:45 • Université de Neuchâtel, Rue Emile-Argand 11, salle B013	<i>Colloques du jeudi</i>
Universität Zürich Yoav Gat (Technion) On the analogue of the Gauss circle problem for Cygan-Koranyi norm balls. 14:00 • UZH Irchel, Building Y13, Room L 11/13	<i>Ergodic Theory and Dynamical Systems Seminar</i>
ETH Zürich Nicolai Reshetikhin (ETH-ITS and University of California, Berkeley) Integrable and superintegrable systems on moduli spaces of flat connections I 14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Talks in Mathematical Physics</i>
Universität Basel Rodolphe Richard (University College London) Towards an "arithmetic" André-Oort conjecture 14:15 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Seminar Room 05.001	<i>Seminar Zahlentheorie</i>
Université de Genève Panagis Karazeris (University of Patras) Towards a category-theoretic construction of Nori's motives II 14:15 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 623	<i>Séminaire de Topologie et Géométrie</i>
ETH Zürich Batu Güneysu (Universität Bonn) Title T.B.A. 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Talks in Mathematical Physics</i>
ETH Zürich Anders Kock (Oxford University) Functional Sequential Treatment Allocation 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1	<i>Research Seminar in Statistics</i>
Université de Genève Zoé Chatzidakis (ENS Paris) O-minimal structures: examples and applications 16:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17	<i>Colloque de Mathématiques</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>
ETH Zürich Herbert Hunziker (Alte Kantonsschule Aarau) Bondifaktoren - ein elementarer Zugang zur speziellen Relativitätstheorie 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 3	<i>Kolloquium über Mathematik, Informatik und Unterricht</i>
ETH Zürich Daniel Bartl (Universität Wien) Talk 17:18 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Talks in Financial and Insurance Mathematics</i>

Universität Zürich*Seminar PDE and Mathematical Physics***Dr. Riccardo Montalto (Universität Zürich)**On the spectrum of the Schrödinger operator on the d -dimensional torus: a normal form approach

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

Friday, November 8**Université de Lausanne***Talks in Actuarial Mathematics***Claudia Ravanelli (Universität Zürich)**

Economic Valuation and Financial Management of an Insurance Firm

10:00 • Université de Lausanne, Quartier UNIL - Extranef 109

Universität Basel*Seminar in Numerical Analysis***Omar Lakkis (University of Sussex)**

Title T.B.A.

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

Université de Genève*Séminaire "Fables Géométriques"***Johannes Rau (Universität Tübingen)**

The dimension of an amoeba

14:00 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

ETH Zürich*Number Theory Seminar***Prof. Dr. Fernando Rodriguez Villegas (ICTP)**

Title T.B.A.

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

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

address: Marianne Pfister, Departement Mathematik, ETH Zürich, Rämistrasse 101, CH-8092 Zürich
email: smg@math.ethz.ch | fax: +41 44 632 1085 | phone: +41 44 632 5615 | url: <http://www.math.ch>