

Monday, December 13

Universität Basel

Damaris Meier (Université de Fribourg)

Quasisymmetric uniformization

12:15 • Universität Basel, Spiegelgasse 1, Seminarraum 00.003 and Zoom

Bernoullis Tafelrunde

Universität Zürich

Dr. Jinhyun Park (KAIST)

On motivic cohomology of singular algebraic schemes

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

Oberseminar: Algebraische Geometrie

ETH Zürich

Samir Canning (UC San Diego)

The Chow rings of moduli spaces of elliptic surfaces

18:30 • Zoom

Algebraic Geometry and Moduli Seminar

Tuesday, December 14

ETH Zürich

Hansjörg Albrecher (Université de Lausanne)

Randomization and Dimensionality in Risk Modeling

10:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Nachdiplomvorlesung

Université de Genève

Fathi Ben Aribi (UC Louvain)

Fuglede-Kadison determinants over free groups and Lehmer's constants

10:30 • Université de Genève, Conseil Général 7-9, Room 1-05

Groupes et Géométrie

Universität Basel

Mara Ungureanu (Université de Fribourg)

Title T.B.A.

10:30 • Universität Basel, Rheinsprung 21

Seminar Algebra & Geometrie

EPF Lausanne

Sara Kališnik (ETH Zürich)

Title T.B.A.

13:00 • EPF Lausanne, Salle MA B2 485

Seminar of Applied Topology

Université de Genève

Laurence Halpern (Université de Sorbonne, Paris Nord)

Title T.B.A.

14:00 • Université de Genève, Section Mathématiques, Bâtiment: Conseil Général 7-9, Room 1-05

Séminaire d'Analyse Numérique

EPF Lausanne

Constanze Roitzheim (University of Kent)

How Algebraic is a Stable Model Category?

14:15 • EPF Lausanne, room MA A1 12 and online

Séminaire de Topologie

ETH Zürich

Lucas Ambrozio (IMPA)

Title T.B.A.

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

Analysis Seminar

Universität Zürich

Prof. Dr. Leslie Greengard (Courant Institute, New York)

Adaptive methods for the simulation of diffusion and fluid flow in complex geometries

16:15 • Zoom

Zurich Colloquium in Mathematics

ETH Zürich

Cédric Villani (Université Claude Bernard Lyon 1)

Boltzmann's theory, or relaxation by confined entropy increase

17:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room F 30

Wolfgang Pauli Lectures

Wednesday, December 15

Université de Fribourg

Giuliano Basso (Uni Fribourg)

Minimal projections in Banach spaces

10:20 • Université de Fribourg, room Phys 2.52

Oberseminar Geometrie

EPF Lausanne

Prof. Dr. Giuseppe Carleo (EPF Lausanne)

Learning Solutions to the Schrödinger equation with Neural-Network Quantum States

16:15 • EPF Lausanne, Salle GA 3 21

Computational Mathematics Seminar

ETH Zürich

Cédric Villani (Université Claude Bernard Lyon 1)

Landau's damping, or relaxation by smoothness and confined mixing

17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 7

Wolfgang Pauli Lectures

Thursday, December 16

ETH Zürich

Cédric Villani (Université Claude Bernard Lyon 1)

Quantitative estimates for slightly dissipative fluids

09:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room D 3.2

Wolfgang Pauli Lectures

EPF Lausanne

Anne Moreau (Université Orsay)

Orbites nilpotentes provenant d'algèbres vertex affines admissibles

10:15 • EPF Lausanne, Salle MA B1 11

Groups, Arithmetic and Algebraic Geometry Seminar

ETH Zürich

Tommaso Macrelli (ETH Zürich)

Colour-kinematic duality, double copy and homotopy algebras

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

Talks in Mathematical Physics

ETH Zürich

Mikhail Lyubich (ETH-ITS, Stony Brook University)

Renormalization ideas in Dynamics

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room D 1.1 + Rämistrasse 101, 8092 Zürich

ITS Science Colloquium

Universität Basel

Sarah Zerbes (University College London)

Euler systems and the Birch-Swinnerton-Dyer conjecture for abelian surfaces

17:00 • Universität Basel, Zoom Seminar

Seminar Zahlentheorie

ETH Zürich

Prof. Dr. Kavita Ramanan (Brown University)

Title T.B.A.

17:15 • Zoom

Talks in Financial and Insurance Mathematics

Friday, December 17

EPF Lausanne

Nicolas Crouzet (Northwestern University, Kellogg School of Management)

Can the cure kill the patient? Corporate credit interventions and debt overhang

t.b.a. • EPF Lausanne, Quartier UNIL - Dorigny, Salle Extranef 126

Talks in Mathematical Finance

ETH Zürich

Nachdiplomvorlesung

Euan Spence (University of Bath)

At the interface between semiclassical analysis and numerical analysis of wave-scattering problems

10:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Universität Basel

Seminar in Numerical Analysis

Eliane Bécache (Université Paris 6)

Some results on Perfectly Matched Layers (PML) for non-dispersive and dispersive Maxwell's equations

11:00 • Universität Basel, Zoom Seminar

EPF Lausanne

EPFL Theory and Combinatorics Seminar

Jan van den Brand (Berkeley University)

Title T.B.A.

11:15 • EPF Lausanne, Salle GA 3 21

Université de Neuchâtel

Séminaire de Géométrie et Systèmes dynamiques

Johannes Hauber (ETH Zürich)

The Cup Product in Morse Cohomology

13:00 • Université de Neuchâtel, Rue Emile-Argand 11, Room E213

ETH Zürich

Number Theory Seminar

Dr. Steven Charlton (Universität Hamburg)

Title T.B.A.

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

EPF Lausanne

Statistics Seminar

Antoine Chambaz (Université de Paris)

Title T.B.A.

15:15 • EPF Lausanne, Zoom Seminar

Special Announcements

CIMPA Fellowships

Call for CIMPA Fellowships 2022 "Research in Pairs"

Application deadline

December 31, 2021

<https://www.cimpa.info/en/node/7159>

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