

Monday, October 30**Universität Zürich***Ergodic theory and dynamical systems seminar***Dr. Dominik Kwietniak (Jagiellonian University)**

An anti-classification theorem for the topological conjugacy of Cantor minimal systems

15:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

ETH Zürich*Algebraic Geometry and Moduli Seminar***Dr. Alessandro Giacchetto (ETH Zürich)**

Resurgent large genus asymptotics of intersection numbers

15:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

ETH Zürich*Inaugural Lectures***Prof. Dr. Jonas Peters (ETH Zürich, Switzerland)**

What happens if? Can we learn from data how ecosystems react to changes?

17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room F 30

Universität Bern*Mathematisches Kolloquium***Prof. Dr. Shrawan Kumar (University of North Carolina at Chapel Hill)**

Hermitian eigenvalue problem and its generalization to any semisimple group: A survey

17:15 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture Room B6

Tuesday, October 31**Université de Genève***Groupes et Géométrie***Bruno Duchesne (Université Paris-Saclay)**

Maximal representations and hermitian symmetric spaces of infinite dimension

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

Universität Basel*Seminar Algebra and Geometry***Christian Urech (University of Basel)**

Title T.B.A.

10:30 • Universität Basel, Spiegelgasse 5, Seminarraum 05.001

Universität Zürich*Oberseminar: Algebraische Geometrie***Dr. Swann Tubach (ENS Lyon)**

Higher enhancements of Nori motives and realisation functors

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

Université de Genève*Séminaire d'Analyse Numérique***Léopold Trémant (Université de Strasbourg)**

High-order averaging and machine learning

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

ETH Zürich*DACO Seminar***Prof. Dr. Ivan Dokmanić (University of Basel)**

Statistical Mechanics of Generalization In Graph Convolution Networks

14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

Université de Fribourg*Oberseminar Geometrie***Chi Cheuks Tsang (CRM Montreal)**

Pseudo-Anosov maps, dilatations, and veering triangulations

15:15 • Université de Fribourg, room Phys 2.52

Université de Fribourg*Colloquium***Erwan Laneeau (Institut Fourier, Université Grenoble Alpes)**

Dynamics of billiard flows in polygons

17:15 • Université de Fribourg, room Phys 2.52

Wednesday, November 1

ETH Zürich

Dr. Johannes Schmitt (ETH Zürich)

Log intersection theory: from toric varieties to moduli of curves III

13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Algebraic Geometry and Moduli Seminar

ETH Zürich

Peter Teichner (Max Planck Institute Bonn)

A new extension of 4-dimensional mapping class groups

15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Geometry Seminar

ETH Zürich

Prof. Dr. Daniele Boffi (KAUST)

On the numerical approximation of parameter dependent PDE eigenvalue problems

16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2

Zurich Colloquium in Applied and Computational Mathematics

Universität Zürich

Prof. Dr. Jean Bertoin (Universität Zürich, Switzerland)

Working group step-reinforced random walk: general presentation

17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H12

Seminar on Stochastic Processes

Thursday, November 2

ETH Zürich

Javier Fresán (Sorbonne Université)

E-functions and geometry

10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Nachdiplomvorlesung

EPF Lausanne

Asbjorn Nordentoft (Paris)

Title T.B.A.

14:15 • EPF Lausanne

Groups, Arithmetic and Algebraic Geometry Seminar

ETH Zürich

Quentin Berthet (Google DeepMind)

Perturbed Optimizers for Machine Learning

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

ETH-FDS seminar

ETH Zürich

Dr. Quentin Berthet (Google DeepMind)

DACO-FDS: Perturbed Optimizers for Machine Learning

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

DACO Seminar

ETH Zürich

Prof. Dr. Alexander McNeil (University of York)

Copula-based models for financial and macroeconomic time series

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

Talks in Financial and Insurance Mathematics

Friday, November 3

ETH Zürich

Prof. Dr. Sarah Zerbes (ETH Zürich, Switzerland)

Iwasawa theory for the symmetric square of an elliptic curve

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

Number Theory Seminar

Universität Bern

Prof. Dr. Geir-Arne Fuglstad (NTNU Trondheim)

Non-stationary Spatio-Temporal Modelling with Applications to Autonomous Sampling

15:15 • Universität Bern, IMSV, Alpeneggstrasse 22, 3012 Bern, Hörraum -203

Colloquia on Probability and Statistics

EPF Lausanne

Paul Kirk (University of Cambridge)

Title T.B.A.

15:15 • EPF Lausanne, MA A3 31

Statistics Seminar

ETH Zürich

Prof. Dr. Radu Laza (SUNY Stony Brook)

Title T.B.A.

16:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Algebraic Geometry and Moduli Seminar

Special Announcements

[Swiss Geometry Day](#)

SMS Fall Meeting, Brig

Uni Distance Suisse

October 27, 2023

[Conference en mémoire d'André Haefliger](#)

Registration deadline November 30, 2023

University of Geneva

January 15 - 17, 2024

address: Alessandra Naldi Windler, Departement Mathematik, HG G 51.4, ETH Zurich, Raemistrasse 101, CH-8092 Zurich
email: bulletin@math.ch | phone: +41 44 632 3684 | url: <https://math.ch>

