

Monday, September 26**Universität Basel****Philipp Mekler (Universität Basel)**

Modelling Chronic Disease

12:15 • Universität Basel, Spiegelgasse 5, Seminarraum 05.001 and Zoom

*Bernoullis Tafelrunde***Universität Zürich****Prof. Dr. Mark Pollicott (University of Warwick)**

Tba

13:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 28

*Ergodic Theory and Dynamical Systems Seminar***ETH Zürich****Yusuke Kawamoto (ETH Zürich)**

Donaldson divisors and Entov-Polterovich quasimorphisms

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

*Symplectic Geometry Seminar***Universität Bern****Dr. Filip Rupniewski (Universität Bern)**

Is it possible to multiply two pairs of 2x2 matrices faster?

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

*Mathematisches Kolloquium***ETH Zürich****Prof. Dr. Jim Bryan (University of British Columbia)**

A theory of Gopakumar-Vafa invariants for orbifold CY 3-folds

17:30 • Zoom

*Algebraic Geometry and Moduli Seminar***Tuesday, September 27****Université de Genève****Christian Lindorfer (TU Graz)**

The language of self-avoiding walks

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

*Groupes et Géométrie***Universität Basel****Gene Freudentberg (Western Michigan University)**Actions of $SL_2(k)$ on affine k -domains via fundamental pairs

10:30 • Universität Basel, Spiegelgasse 1, Seminarraum 00.003

*Seminar Algebra & Geometrie***EPF Lausanne****Carlo Acerbi (Bocconi University, Milan and LARIX risk consulting)**

The Ridge Backtest for Expected Shortfall : Properties and applications, for FRTB IMA and more

12:00 • EPF Lausanne, UniL campus, Extranef 126

*Talks in Mathematical Finance***Université de Neuchâtel****Richard Hind (University of Notre Dame)**

Obstructing Lagrangian isotopies

14:00 • Université de Neuchâtel, Rue Emile-Argand 11, Room B107

*Geneva Neuchatel Symplectic Geometry Seminar (GeNeSyS)***Université de Neuchâtel****Joé Brendel (Université de Neuchâtel and Tel Aviv University)**Lagrangian tori in $S^2 \times S^2$

16:00 • Université de Neuchâtel, Rue Emile-Argand 11, Room E213

*Geneva Neuchatel Symplectic Geometry Seminar (GeNeSyS)***EPF Lausanne****Martin Vohralík (INRIA-Paris)**

Title T.B.A.

16:15 • EPF Lausanne, room GA 3 21

Computational Science and Engineering

Wednesday, September 28

Université de Fribourg

Levi Ryffel (Universität Bern)

Two strand twisting

10:20 • Université de Fribourg, Physics building PER 8, Lecture room 2.52

Oberseminar Geometrie

ETH Zürich

Dr. Samir Canning (ETH Zürich)

New results on the Chow and cohomology rings of moduli spaces of stable curves I

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

Algebraic Geometry and Moduli Seminar

ETH Zürich

Josua Rutishauser (Schaffhausen)

Title T.B.A.

15:00 • Université de Neuchâtel, Rue Emile Argand 11, Auditoire E213

Seminar on Coding Theory and Cryptography

ETH Zürich

Hermann Tchatchiem Kamche (University of Yaounde, Cameroon)

Title T.B.A.

16:30 • Université de Neuchâtel, Rue Emile Argand 11, Auditoire E213

Seminar on Coding Theory and Cryptography

ETH Zürich

Prof. Dr. Robin Pemantle (University of Pennsylvania)

Concepts of negative dependence for binary random variables

17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

Seminar on Stochastic Processes

Thursday, September 29

EPF Lausanne

Julia Schneider (EPF Lausanne)

Birational maps of Severi-Brauer surfaces, with applications to Cremona groups of higher rank

10:15 • EPF Lausanne, Salle GR A3 32

Groups, Arithmetic and Algebraic Geometry Seminar

Universität Basel

Paul Nelson (ETH Zürich)

Title T.B.A.

17:00 • Universität Basel, online Seminar

Number Theory Web Seminar

ETH Zürich

Prof. Dr. Eckhard Platen (UTS Sydney)

Modeling Long-Term Stock Market Dynamics via Entropy Maximization

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

Talks in Financial and Insurance Mathematics

Friday, September 30

ETH Zürich

Alexander Henzi (ETH, Seminar for Statistics)

Title T.B.A.

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

Research Seminar in Statistics

ETH Zürich

Dr. Yohan Brunebarbe (Université de Bordeaux)

Hyperbolicity in presence of a large local system

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

Algebraic Geometry and Moduli Seminar

ETH Zürich

Sanjeev Arora (Princeton University)

Lecture 3: What do we not understand mathematically about deep learning?

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

Paul Bernays Lectures

Special Announcements

Around Frobenius Distributions and related topics III

online conference
October 5-7, 2022

<https://www.math.u-bordeaux.fr/~fjouve001/AFDRT3/AFDRTIII.html>

Fields medalists 2022

Fields Medals Day

University of Bern
October 7, 2022

<https://math.ch/activities/fields-medals-day-2022/>

Plancherel Lecture

Moon Duchin (Tufts University)

University of Fribourg
October 10, 2022

<https://www.unifr.ch/math/en/info/plancherel/>

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