

Monday, April 8**Universität Zürich***Advanced Seminar in Algebraic Geometry***Dr. Claude Sabbah (Centre de Mathématiques Laurent Schwartz)**

On the irregular Hodge filtration

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

Université de Neuchâtel*Groups and analysis***Julie Brönnimann (Université de Neuchâtel)**

Introduction aux marches aléatoires sur les groupes

15:00 • Université de Neuchâtel, Rue Emile Argand 11, Auditoire B217

ETH Zürich*Symplectic Geometry Seminar***Luis Haug (ETH Zürich)**

Monoidal structures on Donaldson categories and HMS for the 2-torus

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

Université de Neuchâtel*Colloque du Mardi***Gianluca Crippa (Universität Basel)**

Ordinary Differential Equations: beyond Lipschitz regularity

16:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile-Argand 11, CH-2000 Neuchâtel, Room B103

ETH Zürich*Optimization and Applications Seminar***Prof. Dr. Gianpaolo Oriolo (Università di Roma "Tor Vergata")**

When Fourier-Motzkin meets shortest paths (on the way to clique covers in claw-free perfect graphs).

16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

Universität Bern*Mathematisches Kolloquium***Dr. Benjamin Stamm (Université de Paris)**

Domain decomposition algorithms for implicit solvent models

17:15 • Universität Bern, Sidlerstrasse 5, 3012 Bern, ExWi B78

Tuesday, April 9**Université de Genève***Groupes et Géométrie***Alexander Prikhodko (Moscow State University)**Random walks on Cayley graph of the group $BS(1,p)$ and spectral symmetries of ergodic dynamical systems

11:30 • Université de Genève, Salle 623

Université de Genève*Séminaire d'Analyse Numérique***Raffaele d'Ambrosio (University of Salerno)**

Nearly conservative general linear methods for Hamiltonian problems

14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

ETH Zürich*Analysis Seminar***Roberto Camassa (University of North Carolina)**

Some fundamental issues in internal wave dynamics

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

Université de Genève*Séminaire Théorie des Nœuds***François Costantino (Université de Strasbourg)**

Est-ce que les intersections complètes sont symétriques?

16:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17

Universität Zürich

Zurich Colloquium in Mathematics

Prof. Dr. Sylvia Serfaty (New York University)

Questions of crystallization in Coulomb gases

17:15 • UZH Zentrum, Building KO2, Room F 150

Universität Fribourg

Colloquium

Prof. Dr. Roman Sauer (KIT, Karlsruhe)

Limits of the homology of finite covers

17:15 • Universität Fribourg, Departement für Mathematik, chemin du musée 3, 1700 Fribourg, Hörsaal 2.52

Wednesday, April 10

Université de Neuchâtel

Neuchatel Probability Seminar

Carl-Erik Gauthier

Opérateurs différentiels et semi-groupes

10:00 • Université de Neuchâtel, Institut de mathématiques, rue Emile Argand 11, Neuchâtel, Salle B217

Universität Fribourg

Oberseminar Geometrie

Ana Khukhro (Université de Neuchâtel)

Coarse geometry and groups

10:20 • Universität Fribourg, Departement für Mathematik, chemin du musée 23, 1700 Fribourg, Math II Lonza

EPF Lausanne

Geometry Seminar EPFL

Jacopo Stoppa (University of Pavia)

Refined curve counting, quivers, and wall-crossing

14:15 • EPF Lausanne, Salle CM 09

ETH Zürich

Colloquium in Applied and Numerical Mathematics

Dmitry Savostyanov (University of Southampton, UK)

Alternating minimal energy methods for linear systems in higher dimensions

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

Universität Zürich

Seminar on Stochastic Processes

Sergey Foss (Heriot-Watt University)

Limit theorems for a random directed graph

17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

Thursday, April 11

Université de Genève

Minicours Université de Genève

Rostislav Grigorchuk (Texas A & M University/Université de Genève)

Minicours: "On growth and randomness in group theory". Random groups of intermediate growth

13:00 • Université de Genève, Salle 623

EPF Lausanne

Séminaire d'Algèbre et de Théorie des Nombres

José Burgos (ICMAT, Madrid)

Arithmetic geometry of toric varieties

14:15 • EPF Lausanne, Salle MA 30

ETH Zürich

Talks in Mathematical Physics

Philip Boalch (ENS, Paris, France)

Geometry of moduli spaces of connections on curves

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

ETH Zürich

ZüKoSt Zürcher Kolloquium über Statistik

Thomas Kneib (Universität Göttingen)

Beyond Mean Regression

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

ETH Zürich

Talks in Financial and Insurance Mathematics

Dr. Alessandro Gnoatto (Ludwig Maximilian University (LMU) of Munich Mathematics Institute)

Coherent foreign exchange market models

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

Friday, April 12

Universität Basel

Seminar Algebra & Geometrie

Antoine Ducros (Université Paris 6)

Real differential forms and currents in p-adic geometry.

10:30 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Kleiner Hörsaal

Universität Basel

Seminar in Numerical Analysis

Florian Loos (Universität der Bundeswehr München)

On the optimization of current carrying multicables

11:00 • Universität Basel, Mathematisches Institut, Rheinsprung 21, 4051 Basel, Grosser Hörsaal

ETH Zürich

Talks in Mathematical Physics

Philip Boalch (ENS, Paris, France)

Geometric braid group actions

11:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

ETH Zürich

Talks in Mathematical Physics

Philip Boalch (ENS, Paris, France)

Simply-laced isomonodromy systems

14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2

ETH Zürich

Number Theory Seminar

Prof. Dr. Emmanuel Kowalski (ETH Zurich)

Gowers norms of trace functions over finite fields

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

Universität Bern

Colloquia on Probability and Statistics

Prof. Dr. Claus Beisbart (Universität Bern)

Statistical Methods and the Meaning of Probabilities. A Philosopher Looks at Statistics

16:00 • Universität Bern, Institut für math. Statistik und Versicherungslehre, Sidlerstrasse 5, ExWi, B 78

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