

Monday, March 3**Université de Genève***Séminaire de la Tortue***Sandor Kovacs (University of Washington)**

Inversion of adjunction for rational and Du Bois singularities

10:30 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Université de Neuchâtel*Seminar on Coding Theory and Cryptography***Stefan Wolf (Università della Svizzera Italiana)**

Information & Physics: About Demons, Spooky Actions at a Distance, and Secrets

11:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile-Argand 11, CH-2000 Neuchâtel, Room B217

EPF Lausanne*Group Theory Seminar***Alex Monnard (EPF Lausanne)**

Marches aléatoires sur les groupes : les premiers pas, I

11:15 • EPF Lausanne, Salle MA A3 31

Université de Neuchâtel*Seminar on Coding Theory and Cryptography***Damien Robert (INRIA Bordeaux)**

Arithmetic on abelian varieties and related topics

13:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile-Argand 11, CH-2000 Neuchâtel, Room B217

Universität Zürich*Advanced Seminar in Algebraic Geometry***Prof. Dr. Matei Toma (Université de Lorraine)**

Moduli spaces of slope-semistable coherent sheaves

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

Université de Neuchâtel*Groups and analysis***Daniel Lenz (Université de Genève)**

Title T.B.A.

14:00 • Université de Neuchâtel, Rue Emile - Argand 11, Auditoire B217

ETH Zürich*Symplectic Geometry Seminar***Jean-Yves Welschinger (Université Lyon 1)**

Expected topology of random real algebraic submanifolds

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

EPF Lausanne*Geometry Seminar EPFL***Christian Lenart (Max-Planck-Institut, Bonn and State University of New York)**

Specialized Macdonald polynomials, quantum K-theory, and Kirillov-Reshetikhin modules

15:15 • EPF Lausanne, Salle MA A3 31

Université de Genève*Séminaire de Mathématique Physique***Mikhail Katsnelson (Radboud University Nijmegen, The Netherlands)**

Title T.B.A.

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

ETH Zürich*Optimization and Applications Seminar***Prof. Dr. Jean Bernard Lasserre (LAAS-CNRS, Toulouse)**

The moment-LP and moment-SOS approach in Optimization

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

Universität Bern*Mathematisches Kolloquium***Dr. Maurice Chiodo (Université de Neuchâtel)**

Incomputable problems in logic, algebra and topology

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

Tuesday, March 4

ETH Zürich

Prof. Dr. Raf Cluckers (Université Lille 1)

Motivic Integration and Transfer Principles

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

Nachdiplomvorlesung

Université de Genève

Adrien Le Boudec (Université Orsay, Paris)

Groupes de presque automorphismes d'arbres

10:30 • Université de Genève, Salle 623

Groupes et Géométrie

Université de Neuchâtel

Radu Slobodeanu (Université de Neuchâtel)

On the Ellis conjecture in general relativity

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

Colloque du Mardi

Universität Zürich

Prof. Dr. Terry Speed (WEHI, Melbourne and Univ. of California at Berkeley)

Removing unwanted variation: from principal components to random effects

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

Zurich Colloquium in Mathematics

Wednesday, March 5

ETH Zürich

Prof. Dr. François Golse (Ecole Polytechnique, Palaiseau)

Velocity averaging and hydrodynamic limits of kinetic models

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

Nachdiplomvorlesung

Université de Fribourg

Maurice Chiodo (Université de Neuchâtel)

Incomputability and topology

10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room

Oberseminar Geometrie

Universität Basel

Angkana Rüland (Universität Bonn)

Unique Continuation for Fractional Schrödinger Equations with Rough Potentials

15:00 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal

Seminar in Analysis

ETH Zürich

Piotr Przytycki (Polish Academy of Sciences)

Cocompact cubulations of graph manifolds

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

Geometry Seminar

EPF Lausanne

Dr. Markus Bachmayr (RWTH Aachen)

Adaptive low-rank methods for high-dimensional elliptic partial differential equations

16:15 • EPF Lausanne, Salle MA A3 30

Computational Science and Engineering

Universität Zürich

Lorenzo Zambotti (Paris UPMC)

The generalized KPZ equation

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

Seminar on Stochastic Processes

Thursday, March 6

Université de Neuchâtel

Neuchâtel Probability Seminar

Carl-Erik Gauthier (Université de Neuchâtel)

Processus auto-évitant sur une variété riemannienne

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

ETH Zürich

Nachdiplomvorlesung

Prof. Dr. Sylvia Serfaty (Paris 6)

Coulomb Systems and Ginzburg-Landau Vortices

14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

Université de Genève

Séminaire de Topologie et Géométrie

Ana Lecuona (Université de Marseille)

Noeuds pretzels et boules d'homologie rationnelle

14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17

ETH Zürich

Talks in Mathematical Physics

Grigory Mikhalkin (Université de Genève)

Algebraic knots and links in the tropical limit

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

ETH Zürich

ZüKoSt Zürcher Kolloquium über Statistik

David Rossell (University of Warwick)

Title T.B.A.

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

Université de Genève

Colloque de Mathématiques

Mikhail Katsnelson (Radboud University Nimegen, The Netherlands)

Theory of graphene: CERN on the desk

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

ETH Zürich

Talks in Financial and Insurance Mathematics

Dr. Janusz Milek (Zurich Insurance Company)

A copula family for risk capital aggregation

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

Universität Zürich

Workshop in Analysis

Dr. Sorin Mardare (Université de Rouen)

On Poincaré and de Rham's Theorems

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

Friday, March 7

ETH Zürich

Nachdiplomvorlesung

Prof. Dr. Sylvia Serfaty (Paris 6)

Coulomb Systems and Ginzburg-Landau Vortices

10:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

Universität Basel

Seminar Algebra & Geometrie

Hanspeter Kraft (Universität Basel)

Closed ind-subgroups with the same Lie algebras

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

Universität Basel

Seminar in Numerical Analysis

Fabio Nobile (EPF Lausanne)

Title T.B.A.

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

<p>ETH Zürich Prof. Dr. Raf Cluckers (Université de Lille 1, France) Points of bounded height in non-archimedean geometry 15:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 5</p>	<i>Number Theory Days</i>
<p>EPF Lausanne Prof. Dr. Terry Speed (UC Berkeley) Removing unwanted variation: from principal components to random effects 15:00 • EPF Lausanne, Salle CE2</p>	<i>Statistics Seminar</i>
<p>ETH Zürich Prof. Dr. Luca Migliorini (Università di Bologna) Title T.B.A. 16:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Algebraic Geometry and Moduli Seminar</i>
<p>ETH Zürich Prof. Dr. Tamar Ziegler (The Hebrew University of Jerusalem, Israel) Patterns in primes and dynamics of nilmanifolds 16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 5</p>	<i>Number Theory Days</i>
Saturday, March 8	
<p>ETH Zürich Prof. Dr. Lillian Pierce (Universität Bonn) Burgess bounds for short mixed character sums 09:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 5</p>	<i>Number Theory Days</i>
<p>ETH Zürich Prof. Dr. David Zywina (Cornell University, USA) Elliptic curves and the Inverse Galois Problem 10:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 5</p>	<i>Number Theory Days</i>
<p>ETH Zürich Prof. Dr. Trevor Wooley (University of Bristol, UK) The cubic case of the main conjecture in Vinogradov's mean value theorem 11:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 5</p>	<i>Number Theory Days</i>

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