

Monday, March 23**Universität Zürich***Seminar on Coding Theory and Cryptography***Michele Elia (Politecnico di Torino)**

Evaluation of Multivariate Polynomials: the State of the Art

11:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 28

Universität Zürich*Seminar on Coding Theory and Cryptography***Alberto Ravagnani (Université de Neuchâtel)**

Rank-metric codes and MacWilliams identities

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

Universität Zürich*Advanced Seminar in Algebraic Geometry***Prof. Dr. Olivier Wittenberg (École Normale Supérieure)**

On the fibration method for zero-cycles and rational points

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

ETH Zürich*Nachdiplomvorlesung***Prof. Dr. Yurii Nesterov (Université catholique de Louvain (UCL))**

Complexity and Simplicity of Optimization Problems

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

ETH Zürich*Symplectic Geometry Seminar***Urs Frauenfelder (Universität Augsburg)**

Mini Symposium in Symplectic Topology - Global surfaces of section for the restricted three body problem

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

Université de Genève*Séminaire de Mathématique Physique***Titus Lupus (Université Paris-Sud)**

Loop soup, Gaussian free field, and CLE(4)

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

ETH Zürich*Optimization and Applications Seminar***Dr. Andreas Wiese (Max-Planck-Institut für Informatik, Saarbrücken)**

Approximation schemes for maximum weight independent set of geometric objects

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

ETH Zürich*Symplectic Geometry Seminar***Kai Cieliebak (Universität Augsburg)**

Mini Symposium in Symplectic Topology - Punctured holomorphic curves and Lagrangian embeddings

16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Tuesday, March 24**ETH Zürich***ITS Informal Analytic Number Theory Seminar***Brad Rodgers (Universität Zürich)**

Tail bounds for counts of zeros and the mean value of ratios of the zeta function

10:15 • ETH Zentrum, Building CLV, Room B 4

ETH Zürich*Nachdiplomvorlesung***Prof. Dr. Giuseppe Mingione (Università degli Studi di Parma)**

Nonlinear aspects of Calderon-Zygmund theory

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

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| <p>Université de Genève Mikael de la Salle (ENS Lyon) Actions extensivement moyennables 10:30 • Université de Genève, Salle 623</p> | <i>Groupes et Géométrie</i> |
| <p>EPF Lausanne Johannes Muhle-Karbe (ETH Zürich) The General Structure of Optimal Investment and Consumption with Small Transaction Costs 12:15 • EPF Lausanne, Quartier UNIL - Dorigny, Extranef, Salle 126</p> | <i>Talks in Mathematical Finance</i> |
| <p>Université de Genève Philippe Chartier (INRIA Rennes et ENS Rennes) Uniformly Accurate Methods for oscillatory PDEs with extension to the multifrequency case 14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623</p> | <i>Séminaire d'Analyse Numérique</i> |
| <p>Université de Neuchâtel Diane Maclagan (University of Warwick) Tropical Geometry 17:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile-Argand 11, CH-2000 Neuchâtel, Room B103</p> | <i>Colloque du Mardi</i> |
| <p>Universität Zürich Prof. Dr. Blake Temple (University of California Davis) An instability creates the anomalous acceleration without dark energy 17:15 • UZH Zentrum, Building KO2, Room F 150</p> | <i>Zurich Colloquium in Mathematics</i> |
| Wednesday, March 25 | |
| <p>Université de Neuchâtel Christos Athanasiadis, Emanuele Delucchi, Anna De Mier, Relinde Jurrius, Rudi Pendavingh, Diane Maclagan Let's matroid! • Université de Neuchâtel, Institut de Mathématiques, Rue Emile-Argand 11, CH-2000 Neuchâtel</p> | <i>CUSO doctoral school on matroids</i> |
| <p>ETH Zürich Prof. Dr. Henryk Iwaniec (Rutgers University & ETH-ITS) Analytic theory of L-functions 10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p> | <i>Nachdiplomvorlesung</i> |
| <p>Université de Fribourg Dr. Stefan Rosemann (Universität Jena) Kähler metrics with Hamiltonian 2-forms, their classification via projectively equivalent metrics and applications 10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room</p> | <i>Oberseminar Geometrie</i> |
| <p>EPF Lausanne Hiraku Nakajima (RIMS Kyoto) Towards a mathematical definition of Coulomb branches of $3\mathbb{S}$-dimensional $\mathcal{N}=4$ gauge theories 13:15 • EPF Lausanne, Salle CM 09</p> | <i>Geometry Seminar EPFL</i> |
| <p>ETH Zürich Prof. Dr. Nicolas Bergeron (Université Pierre et Marie Curie, Paris) Arithmetic manifolds and their cohomology (a biased overview) 13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p> | <i>Algebraic Geometry and Moduli Seminar</i> |
| <p>EPF Lausanne Prof. Dr. J.F. Molinari (EPF Lausanne) Title T.B.A. 16:15 • EPF Lausanne, Salle CM 1 221</p> | <i>Computational Science and Engineering</i> |

Universität Zürich

Seminar on Stochastic Processes

Kevin Schnell (IST Austria)

Universality for deformed Wigner matrices

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

Thursday, March 26

Université de Neuchâtel

CUSO doctoral school on matroids

Christos Athanasiadis, Emanuele Delucchi, Anna De Mier, Relinde Jurrius, Rudi Pendavingh, Diane Maclagan

Let's matroid!

• Université de Neuchâtel, Institut de Mathématiques, Rue Emile-Argand 11, CH-2000 Neuchâtel

EPF Lausanne

Group Theory Seminar

Tim Burness (University of Bristol, UK)

Pyber's base size conjecture

10:15 • EPF Lausanne, Salle MA A1 12

Universität Basel

Bernoullis Tafelrunde

Jet Tang (Universität Basel)

Title T.B.A.

12:15 • Universität Basel, Spiegelgasse 5, Seminarraum 05.002

EPF Lausanne

Séminaire Centre Interfacultaire Bernoulli

Karl-Hermann Neeb (TU Darmstadt)

Positive energy representations of gauge groups

14:00 • EPF Lausanne, Salle BI A0 448

Université de Genève

Séminaire de Topologie et Géométrie

Mark Powell (Université du Québec à Montréal & MPI Bonn)

Casson towers and slice knots

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

EPF Lausanne

Séminaire d'Algèbre et de Théorie des Nombres

Xiannan Li (Oxford University)

Sieve theory and primes of the form $a^2 + p^4$

14:15 • EPF Lausanne, Salle GR A3 30

ETH Zürich

ITS Science Colloquium

Prof. Dr. Yasser Roudi (Kavli Institute for Systems Neuroscience, NTNU Trondheim)

Network Inference and its application to mammalian spatial navigation system

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 3

EPF Lausanne

Mathematics Colloquium

Prof. Dr. Hiraku Nakajima (Kyoto University)

Topological quantum field theories and Coulomb branches

17:15 • EPF Lausanne, Salle BI A0 448

Universität Zürich

Seminar in Partial Differential Equations

Dr. Radu Ignat (Université Paul Sabatier, Toulouse)

Kinetic formulation for vortex vector fields

18:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36

Friday, March 27

Université de Neuchâtel

CUSO doctoral school on matroids

Christos Athanasiadis, Emanuele Delucchi, Anna De Mier, Relinde Jurrius, Rudi Pendavingh, Diane Maclagan

Let's matroid!

• Université de Neuchâtel, Institut de Mathématiques, Rue Emile-Argand 11, CH-2000 Neuchâtel

ETH Zürich

Prof. Dr. Jacob Fox (Stanford University)

Regularity Methods in Combinatorics

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

Nachdiplomvorlesung

EPF Lausanne

Ilya Strebulaev (Stanford University)

Title T.B.A.

10:30 • EPF Lausanne, Quartier UNIL - Dorigny, Extranef, Salle 126

Talks in Mathematical Finance

ETH Zürich

Tanguy Rivoal (Institut Fourier)

Arithmetic theory of E and G-operators.

14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2

Number Theory Seminar

EPF Lausanne

Prof. Dr. Eric Bonnetier (Université de Grenoble)

Title T.B.A.

15:15 • EPF Lausanne, Salle MA A3 31

Séminaire d'Analyse

ETH Zürich

Nicolas Bergeron (Université Pierre et Marie Curie, Paris)

Special cycles in some arithmetic manifolds and the proof of the Noether-Lefschetz conjecture

16:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2

Algebraic Geometry and Moduli Seminar

Special Announcements

Journée Georges de Rham

Robert Adler, Technion

Wilfrid Kendall, Warwick

EPF Lausanne, April 22, 2015

[http://math.cuso.ch/index.php?id=2607&L=0&clear_cache=1&tx_displaycontroller\[table\]=members&tx_displaycontroller\[showUid\]=2156](http://math.cuso.ch/index.php?id=2607&L=0&clear_cache=1&tx_displaycontroller[table]=members&tx_displaycontroller[showUid]=2156)

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