

Monday, April 15**Université de Genève***Mini-Cours***Greg Kuperberg (UC Davis)**

Quantum probability and quantum computation, for mathematicians

10:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

Universität Basel*Seminar in Probability Theory***Marilou Gabrié (ENS, Paris)**

Theory of Deep Learning 5: Information theoretic approach to deep learning theory: a test using statistical physics methods

13:00 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 1, Room 05.002

ETH Zürich*Symplectic Geometry Seminar***Ailsa Keating (Cambridge University)**

Families of monotone Lagrangian. Note: Longer seminar, two talks on this date.

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

Université de Genève*Séminaire de Mathématique Physique***Roman Boikii (Université de Genève)**

Title T.B.A.

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

ETH Zürich*Symplectic Geometry Seminar***Sobhan Seyfaddini (Institut de Mathématiques de Jussieu - Paris)**Barcodes and C^0 symplectic topology. Note: Longer seminar, two talks on this date.

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

Tuesday, April 16**ETH Zürich***Nachdiplomvorlesung***Raphaël Krikorian (Université de Cergy-Pontoise)**

Spectral and dynamical aspects of the theory of quasi-periodic Schrödinger operators

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

Universität Basel*Seminar Algebra & Geometrie***Matilde Manzaroli (École Polytechnique & Université de Nantes)**

Real algebraic curves in real minimal del Pezzo surfaces

10:30 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Seminar Room 05.002

Université de Genève*Séminaire d'Analyse Numérique***Armin Eftekhari (EPF Lausanne)**

Old Tricks for New Problems: Nonconvex Optimization and Langevin Dynamics

14:00 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 623

EPF Lausanne*Groups, Arithmetic and Algebraic Geometry Seminar***Alessio Caminata (Université de Neuchâtel)**

A Pascal's Theorem for rational normal curves

14:00 • EPF Lausanne, Salle PH H3 33

ETH Zürich*Analysis Seminar***Dr. Joaquim Serra (ETH Zürich, Switzerland)**

On stable solutions to elliptic semilinear PDE

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

ETH Zürich

Analysis Seminar

Prof. Dr. Peter Topping (University of Warwick)

Pyramid Ricci flows in higher dimensions

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

Wednesday, April 17

Université de Fribourg

Oberseminar Geometrie

Simon Drewitz (Université de Fribourg)

Sims' Low Index Subgroup Algorithm

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

Idiap Research Institute Martigny

Idiap Invited Speaker Series

Dr. Tomasz Kacprzak (ETH Zürich)

Deep learning for cosmology: parameter measurement and generation of simulations

11:00 • Idiap Research Institute Martigny, Location of the talk: Centre du Parc, Rue Marconi 19, CH-1920 Martigny

ETH Zürich

Algebraic Geometry and Moduli Seminar

Younghan Bae (ETH Zürich)

Title T.B.A.

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

Université de Neuchâtel

Seminar on Coding Theory and Cryptography

Alexios Balatsoukas-Stimming (EPF Lausanne)

Practical approximate channel decoders

15:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile Argand 14, Auditoire B217

ETH Zürich

Geometry Seminar

Laszlo Marton Toth (EPF Lausanne)

Title T.B.A.

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

Universität Zürich

Zurich Colloquium in Applied and Computational Mathematics

Prof. Dr. Paul Ledger (College of Engineering, Swansea University)

Characterisation of multiple inhomogeneous conducting objects in metal detection using magnetic polarizability tensors

16:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

Universität Zürich

Seminar on Stochastic Processes

Special session on some of Harry Kesten's mathematics, II

17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12

Thursday, April 18

Universität Zürich

Seminar PDE and Mathematical Physics

Dr. Jérémie Szeftel (CNRS and Sorbonne Université)

[Video] The nonlinear stability of Schwarzschild

14:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12

Université de Genève

Séminaire de Topologie et Géométrie

Honghao Gao (Université Grenoble Alpes)

Augmentations and sheaves for links

14:15 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 17

ETH Zürich

Talks in Financial and Insurance Mathematics

Steve Kou (Boston University)

A Theory of FinTech

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

Samson Shatashvili (Trinity College, Dublin)

On Bethe/Gauge correspondence

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

Friday, April 19

No events scheduled today!

Special Announcements

Public Lecture

Alessio Figalli (ETH Zurich)

University of Bern

April 15, 2019

http://www.uniaktuell.unibe.ch/2019/public_lecture_by_fields_medalist_alessio_figalli/index_eng.html

SMS Doctoral Day 2019

For graduate students and recent PhDs

University of Bern

May 10, 2019

<https://mathsites.unibe.ch/emery/dr.day/>

Conference in honor of Prof. André Haefliger's 90th birthday

University of Geneva

May 15-17, 2019

<http://www.nccr-swissmap.ch/events/conference-honor-prof-andr%C3%A9-haefligers-90th-birthday>

Journée Georges de Rham

Claudia de Rham (Imperial College)

Martin Hairer (Imperial College)

EPF Lausanne

May 15, 2019

<https://math.epfl.ch/de-rham/>

address: Marianne Pfister, Departement Mathematik, ETH Zürich, Rämistrasse 101, CH-8092 Zürich
email: smg@math.ethz.ch | fax: +41 44 632 1085 | phone: +41 44 632 5615 | url: <http://www.math.ch>

