

Monday, April 11**EPF Lausanne***Computational Science and Engineering***Dr. Tao Zhou (Chinese Academy of Sciences, Beijing)**

A generalized sampling and preconditioning scheme for sparse approximation of polynomial chaos expansions

11:15 • EPF Lausanne, Salle MA A1 11

Universität Zürich*Oberseminar: Algebraische Geometrie***Dr. Olivier Benoist (Université de Strasbourg)**

Curve classes on real threefolds

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

ETH Zürich*Symplectic Geometry Seminar***Alex Oancea (Université Pierre et Marie Curie, Paris, France)**

Symplectic homology for cobordisms

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

EPF Lausanne*Computational Science and Engineering***Dr. Drew Kouri (SANDIA National Laboratories, USA)**

A data - driven approach to PDE - constrained optimization under uncertainty

16:15 • EPF Lausanne, Salle M A B1 11

ETH Zürich*Zurich Colloquium in Applied and Computational Mathematics***Prof. Dr. Ian Sloan (Department of Mathematics, University of New South Wales, Sydney, Australia)**

PDE with random coefficients as a high-dimensional problem

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

EPF Lausanne*Soutenance de Thèse***Michael Maximilian Steinlechner (EPF Lausanne)**

Riemannian Optimization for Solving High-Dimensional Problems with Low-Rank Tensor Structure

17:00 • EPF Lausanne, Salle CM4

Tuesday, April 12**ETH Zürich***Nachdiplomvorlesung***Prof. Dr. Alexander Lubotzky (The Hebrew University of Jerusalem)**

High Dimensional Expanders

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

EPF Lausanne*Séminaire de Topologie***Gijs Heuts (University of Copenhagen)**

The Goodwillie tower of spaces and analogues of rational homotopy theory

10:15 • EPF Lausanne, Salle CM 113

Université de Genève*Groupes et Géométrie***Hugo Parlier (Université de Fribourg)**

Families of identities on hyperbolic surfaces

10:30 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

Université de Neuchâtel*Groups and analysis***David Hume (Université Paris-Sud)**

Stability and the Morse boundary

11:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile - Argand 11, CH-2000 Neuchâtel, Auditoire B218

<p>EPF Lausanne Patrick Gagliardini (USI, Universität Lugano) A Diagnostic Criterion For Approximate Factor Structure 12:00 • EPF Lausanne, Quartier UNIL - Dorigny, Extranef, Salle 126</p>	<i>Talks in Mathematical Finance</i>
<p>Université de Genève Michel Baldauf (Deutscher Wetterdienst) Numerical aspects of the weather and climate prediction model COSMO 14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623</p>	<i>Séminaire d'Analyse Numérique</i>
<p>ETH Zürich Dr. Costante Bellettini (University of Cambridge) Regularity of stable CMC hypersurfaces 14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Analysis Seminar</i>
<p>EPF Lausanne Johannes Nicaise (Imperial College London) Title T.B.A. 15:15 • EPF Lausanne, Sallet MA A3 30</p>	<i>Geometry Seminar EPFL</i>
<p>ETH Zürich Dr. Francesca De Marchis (University "La Sapienza" of Rome) The singular Nirenberg problem 15:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Analysis Seminar</i>
<p>Université de Genève Menno Genseberger (Deltares and CWI) A hybrid domain decomposition type of preconditioner for Jacobi-Davidson on modern hardware 15:30 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 624</p>	<i>Séminaire d'Analyse Numérique</i>
<p>Université de Genève Matteo Felder (Université de Genève) On internally connected graphs and the Kashiwara-Vergne Lie algebra 15:30 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge</p>	<i>Lie groups and moduli spaces</i>
<p>Université de Neuchâtel Julien Marché (Université Pierre et Marie Curie, Paris, France) Mapping class group of surfaces and quantum representations 17:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile - Argand 11, CH-2000 Neuchâtel, Auditoire B 103</p>	<i>Colloque du Mardi</i>
<p>Université de Fribourg Prof. Dr. Benjamin Sudakov (ETH Zürich) Induced matchings, arithmetic progressions and communication 17:15 • Université de Fribourg, room Phys 2.52</p>	<i>Colloquium</i>
Wednesday, April 13	
<p>ETH Zürich Dr. Anne Thomas (University of Sydney) Geometric and topological aspects of Coxeter groups and buildings 10:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Nachdiplomvorlesung</i>
<p>Université de Fribourg Dr. Marc Troyanov (EPF Lausanne) On the Regularity of Isometries in Finsler Geometry: revisiting Myers-Steenrod 10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room</p>	<i>Oberseminar Geometrie</i>
<p>Universität Zürich Perla Sousi (University of Cambridge) Hunter, Cauchy Rabbit, and Optimal Kakeya Sets 17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<i>Seminar on Stochastic Processes</i>

Universität Zürich*Zurich Colloquium in Applied and Computational Mathematics***Prof. Dr. Youssef Marzouk (MIT)**

Bayesian inference and the low-dimensional structure of measure transport

17:30 • UZH Zentrum, Building KOL, Room G201 UZH

Thursday, April 14**Universität Basel***Bernoullis Tafelrunde***Johannes Schmitt (ETH Zürich)**

Title T.B.A.

12:15 • Universität Basel, Departement Mathematik und Informatik, Spiegelgasse 1, SR 00.003

EPF Lausanne*Séminaire d'Algèbre et de Théorie des Nombres***Andrew Granville (University of Montréal)**

Smoothing sieve weights

14:15 • EPF Lausanne, Salle GRA 330

ETH Zürich*Nachdiplomvorlesung***Prof. Dr. Michael Röckner (Universität Bielefeld)**

Variational approach to SPDEs and corresponding Fokker-Planck-Kolmogorov Equations

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

EPF Lausanne*Séminaire de Dynamique et Géométrie***Clément Debin (Université de Grenoble)**

Title T.B.A.

16:30 • EPF Lausanne, Salle CM 010

Universität Zürich*Seminar PDE and Mathematical Physics***Prof. Dr. Bozhidar Velichkov (Université Joseph Fourier, Grenoble)**

Title T.B.A.

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

Friday, April 15**EPF Lausanne***Séminaire d'Analyse***Prof. Dr. Albert Fathi (ENS Lyon)**

Singularités des solutions de l'équation d'Hamilton - Jacobi

15:15 • EPF Lausanne, Salle MA A331

EPF Lausanne*Séminaire d'Analyse***Prof. Dr. Houssein Haddar (Ecole Polytechnique, Paris)**

Title T.B.A.

15:30 • EPF Lausanne, Salle CM 010

ETH Zürich*Algebraic Geometry and Moduli Seminar***Prof. Dr. Vincent Koziarz (Université de Bordeaux)**

Title T.B.A.

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

Special Announcements**Number Theory Days**

ETH Zürich

April 15-16, 2016

<https://people.math.ethz.ch/~kowalski/ntd-2016.html>