

Monday, October 19**Universität Zürich***Advanced Seminar in Algebraic Geometry***Prof. Dr. Andrea Pulita (Universite Grenoble 1)**

On recent developments in the theory of p-adic differential equations

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

Université de Genève*Séminaire de Mathématique Physique***Daniel Ahlberg (IMPA)**

Scaling limits for the threshold window: When does a monotone Boolean function flip its outcome?

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

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

On a question by Michele Audin

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

Université de Genève*Battelle Seminar***Anders Karlsson (Université de Genève)**

An introduction to spectral graph theory

16:15 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Universität Bern*Mathematisches Kolloquium***Prof. Dr. Helmut Harbrecht (Universität Basel)**

Analytical and numerical methods in shape optimization

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

Tuesday, October 20**ETH Zürich***Nachdiplomvorlesung***Prof. Dr. Martin Wainwright (University of California, Berkeley)**

Statistics meets Optimization: Randomization and approximation for high-dimensional problems

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

EPF Lausanne*Séminaire de Topologie***Carmen Rovi (MPI Bonn)**

Title T.B.A.

10:15 • EPF Lausanne, Salle CM 113

EPF Lausanne*Talks in Mathematical Finance***Christoph Herpfer (EPF Lausanne)**

What is the Value of the Court System for Firms?

12:00 • EPF Lausanne, Quartier UNIL - Dorigny, Extranef, Salle 126

Université de Genève*Séminaire de Topologie et Géométrie***Sergey Matveev (Chelyabinsk State University)**

Prime decompositions of topological objects

13:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17

Université de Genève*Séminaire de Travail: Géométrie Tropicale***Mikhail Shkolnikov (Université de Genève)**

Some proofs in tropical sand, II

13:15 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Université de Genève	<i>Battelle Seminar</i>
Dennis Gaitsgory (Harvard University) Algebro-geometric proof of the Atiyah-Bott formula for the cohomology of the moduli space of bundles on the curve 15:15 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge	
Université de Genève	<i>Lie groups and moduli spaces</i>
Dennis Gaitsgory (Harvard University) Algebro-geometric proof of the Atiyah-Bott formula for the cohomology of the moduli space of bundles on the curve (Joint seminar with 'Séminaire Battelle') 15:15 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge	
EPF Lausanne	<i>Geometry Seminar EPFL</i>
Tom Sutherland (Università di Pavia) Title T.B.A. 15:15 • EPF Lausanne, Salle CHB331	

Wednesday, October 21	
Université de Fribourg	<i>Oberseminar Geometrie</i>
Simon Drewitz (Université de Fribourg) Volumes of hyperbolic orthoschemes in 3 and 5 dimensions 10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room	
ETH Zürich	<i>Algebraic Geometry and Moduli Seminar</i>
Dr. Penka Georgieva (Université Paris-Jussieu) Real Gromov-Witten theory in all genera 13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	
ETH Zürich	<i>Geometry Seminar</i>
Conrad Plaut (University of Tennessee, Knoxville) Applications of Discrete Homotopy Theory 15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	
EPF Lausanne	<i>Computational Science and Engineering</i>
Prof. Dr. David Kopriva (Florida State University) Towards robust high order methods: Nodal discontinuous Galerkin methods that are provably stable 16:15 • EPF Lausanne, Salle MA A1 10	
ETH Zürich	<i>Seminar on Stochastic Processes</i>
Elliot Paquette (Weizmann Institute) The law of fractional logarithm in the GUE minor process 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	

Thursday, October 22	
Universität Basel	<i>Bernoullis Tafelrunde</i>
Stefan Schmid (Universität Basel) Title T.B.A. 12:15 • Universität Basel, Departement Mathematik und Informatik, Spiegelgasse 1, SR 00.003	
Universität Basel	<i>Seminar Zahlentheorie</i>
Christian Elsholtz (TU Graz/FIM) A solution of a problem of Ramanujan of 1915 14:15 • Universität Basel, Spiegelgasse 5, 4051 Basel, Raum 05.002	
EPF Lausanne	<i>Computational Science and Engineering</i>
Dr. David Amsallem (Stanford University) Accelerating the robust optimization of aeronautical systems with adjoints and reduced - order models 16:15 • EPF Lausanne, Salle MA A1 11	

ETH Zürich Dr. Carla Cederbaum (Universität Tübingen) Mathematik lehren - oder lehren, Mathematik zu lernen (und lehren)? 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 3	<i>Kolloquium über Mathematik, Informatik und Unterricht</i>
EPF Lausanne Adrian Blumenthal (EPF Lausanne) Stabilized Numerical Methods for Stochastic Differential Equations driven by Diffusion and Jump-Diffusion Processes 18:00 • EPF Lausanne, Salle SG 1	<i>Soutenance de Thèse</i>

Friday, October 23

Universität Basel Jacub Witaszek (Imperial College London) Title T.B.A. 10:30 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 1	<i>Seminar Algebra & Geometrie</i>
EPF Lausanne Adam Eppendahl (Imperial College London) Knot theory and data distribution 14:15 • EPF Lausanne, Campus Biotech, Salle BI	<i>Seminar of Applied Topology</i>
ETH Zürich Patrik Hubschmid (Universität Göttingen) Title T.B.A. 14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Number Theory Seminar</i>
ETH Zürich Alessandra Luati (University of Bologna) Generalised Linear Cepstral Models for the Spectrum of a Time Series 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1	<i>Research Seminar in Statistics</i>
Universität Bern Ingo Steinwart (Universität Stuttgart) Title T.B.A. 16:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, ExWi B 78	<i>Colloquia on Probability and Statistics</i>
ETH Zürich Amitai Zernik (Hebrew University of Jerusalem) Title T.B.A. 16:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Algebraic Geometry and Moduli Seminar</i>

Special Announcements

Wolfgang Pauli Lectures <i>Ingrid Daubechies</i> (Duke University, Durham) ETH Zürich October 26, 27 and 29, 2015 http://www.pauli-lectures.ethz.ch/
Dedekind Lectures <i>Tomek Bartoszyński</i> ETH Zürich November 26, 2015 http://www.math.ch/archive/documents/dedekind2015.pdf