

**Monday, September 17****Universität Bern***Mathematisches Kolloquium***Prof. Dr. Pablo Shmerkin (Universidad Torcuato di Tella)**

Title T.B.A.

17:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture Room B 78

**Tuesday, September 18****Université de Genève***Lie groups and moduli spaces***Rui Loja Fernandes (University of Urbana-Champaign, USA)**

Genus Integration, Abelianization and Extended Monodromy

15:00 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

**Université de Genève***Soutenance de thèse***Faycal Chaouqui (Université de Genève)**

Optimal Coarse Space Correction for Domain Decomposition Methods

16:15 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 17

**EPF Lausanne***Mathematics Colloquium***Prof. Dr. Charles L. Epstein (University of Pennsylvania)**

The Geometry of the Phase Retrieval Problem

17:15 • EPF Lausanne, Salle CM 4

**Université de Fribourg***Colloquium***Prof. Dr. Hiroshige Shiga (Tokyo Institute of Technology)**

On the quasiconformal equivalence of Riemann surfaces and dynamical Cantor sets

17:15 • Université de Fribourg, room Phys 2.52

**Wednesday, September 19****Université de Fribourg***Oberseminar Geometrie***Adrien Marcone (EPF Lausanne)**

Lipschitz-Killing curvatures and Gauss-Bonnet-Chern theorem for Riemannian manifolds with conical ends

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

**Universität Bern***Geometric Analysis Seminar***Alexia Yavicoli (University of Buenos Aires & CONICET, Argentina)**

Fractals and patterns

14:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Room 228

**ETH Zürich***Algebraic Geometry and Moduli Seminar***Dr. Longting Wu (ETH Zürich)**

Structures on genus 0 absolute and relative GW theory I

15:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2

**ETH Zürich***Geometry Seminar***John Parker (Durham University)**

Cusp regions for parabolic ends of hyperbolic manifolds

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

**ETH Zürich***Zurich Colloquium in Applied and Computational Mathematics***Dr. Philipp Petersen (Oxford University)**

Deep Neural Networks and Partial Differential Equations: Approximation Theory and Structural Properties

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

## Thursday, September 20

**ETH Zürich**

**Sylvain Lavau (Max Planck Institut, Bonn)**

The Universal Lie infinity-algebroid of a singular foliation

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

*Talks in Mathematical Physics*

**Université de Genève**

**François Loeser (Université Sorbonne)**

Motivic Integration: Old and New

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

*Colloque de Mathématiques*

**ETH Zürich**

**Felix Matthys (ITAM Business School)**

Stochastic Volatility and Model Uncertainty: Implications for Asset Prices and Optimal Portfolio Policies

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

*Talks in Financial and Insurance Mathematics*

**Universität Zürich**

**Anne-Sophie de Suzzoni (Université Paris 13)**

[Video] Weak turbulence

18:10 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36

*PDE and Mathematical Physics*

## Friday, September 21

**EPF Lausanne**

**Kelly Shue (Yale School of Management)**

Can the Market Multiply and Divide? Non-Proportional Thinking in Financial Markets

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

*Talks in Mathematical Finance*

**EPF Lausanne**

**Jean van Schaftingen (Université Catholique de Louvain, Belgique)**

Critical estimates on the homotopy of maps between manifolds

14:15 • EPF Lausanne, salle MA A3 31

*Séminaire d'Analyse*

**ETH Zürich**

**Karsten Borgwardt (ETH Zürich)**

Machine Learning in Medicine: Combinatorial Association Mapping

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

*ZüKoSt Zürcher Kolloquium über Statistik*

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>

