

**Monday, September 22****Universität Zürich***Advanced Seminar in Algebraic Geometry***Prof. Dr. Jacopo Stoppa (Università degli Studi di Pavia)**

Stability data, irregular connections and tropical curves

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

**ETH Zürich***Symplectic Geometry Seminar***Dietmar Salamon (ETH Zürich)**

Donaldson's moment map approach to Kahler-Einstein geometry

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

**Université de Genève***Séminaire de Mathématique Physique***Yinon Spinka (Tel Aviv University)**Phase structure of the loop  $O(n)$  model for large  $n$ 

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

**Universität Bern***Mathematisches Kolloquium***Dr. Lukas Lewark (Universität Bern)**

Quantum obstructions to sliceness of knots

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

**Tuesday, September 23****ETH Zürich***Nachdiplomvorlesung***Prof. Dr. Alessio Figalli (The University of Texas at Austin)**

The Monge-Ampère equation and its applications

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

**ETH Zürich***Nachdiplomvorlesung***Prof. Dr. Tom Hurd (McMaster University)**

Mathematics of Financial Systemic Risk

10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

**Université de Genève***Groupes et Géométrie***Camille Horbez (Université de Rennes)**

Horoboundary of outer space, and growth under random automorphisms

10:30 • Université de Genève, Salle 623

**ETH Zürich***Nachdiplomvorlesung***Prof. Dr. Gitta Kutyniok (Technische Universität Berlin)**

Applied Harmonic Analysis meets Compressed Sensing

13:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

**Université de Genève***Lie groups and moduli spaces***Ivan Cherednik (UNC at Chapel Hill)**

Rogers-Ramanujan identities via Nil-DAHA

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

**Université de Neuchâtel***Colloque du Mardi***Jack Button (University of Cambridge, UK)**

1-relator groups and SQ-universality

17:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile-Argand 11, CH-2000 Neuchâtel, Room B103

**Universität Fribourg**

*Colloquium*

**Dr. Thomas Mettler (ETHZ / Fribourg)**

Metrisability problems in projective differential geometry

17:15 • Universität Fribourg, Hörsaal 2.52, Physikgebäude, 1700 Fribourg

### Wednesday, September 24

**Universität Basel**

*Seminar in Analysis*

**Camilla Nobili (Max Planck Institute, Leipzig)**

Rayleigh-Bénard convection at finite Prandtl number: bounds on the Nusselt number

09:31 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Kleiner Hörsaal

**ETH Zürich**

*Algebraic Geometry and Moduli Seminar*

**Dr. Andrew Morrison (ETH Zürich)**

Lines on the Fermat quintic (motivically)

14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2

### Thursday, September 25

**EPF Lausanne**

*Statistics Seminar*

**Dr. Raphael Huser (KAUST, Saudi Arabia)**

Modelling of non-stationarity in spatial extremes

15:15 • EPF Lausanne, Salle MA 10

**Universität Basel**

*Perlen-Kolloquium*

**Dr. Jean-Philippe Furter (Université de la Rochelle)**

Towards a theory of ind-groups? Presentation of a few ind-groups

16:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal

### Friday, September 26

**EPF Lausanne**

*Séminaire de Topologie*

**Nguyen The Cuong (Université Paris XIII)**

On the algebraic EHP sequence

14:15 • EPF Lausanne, Salle MA 10

**Universität Bern**

*Colloquia on Probability and Statistics*

**Sebastian Engelke (HEC Lausanne)**

Max-stable Processes on River Networks

16:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, ExWi B 78

**ETH Zürich**

*Algebraic Geometry and Moduli Seminar*

**Dr. Olivier Fabert (VU Amsterdam)**

Closed-string mirror symmetry for open manifolds

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

### Special Announcements

#### **Rigi-Workshop 2015**

*Mathematical and Computational Modeling in Life Sciences*

Rigi-Kulm

January 18-20, 2015

[http://biologie.scnat.ch/d/Veranstaltungen/rigi-workshop/click to edit](http://biologie.scnat.ch/d/Veranstaltungen/rigi-workshop/click%20to%20edit)