

## Monday, December 3

## EPF Lausanne

**Andrew Suk (University of California, San Diego)**

Multicolor Ramsey numbers for semi-algebraic graphs

14:00 • EPF Lausanne, Salle MA B1 524

*DCG DISOPT Seminar*

## ETH Zürich

**Will Merry (ETH Zürich)**

Symplectic cohomology of magnetic cotangent bundles

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

*Symplectic Geometry Seminar*

## Université de Fribourg

**Alexander Engel (Universität Regensburg)**

Exterior products on the analytic structure group

16:00 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II), salle 0.101

*Oberseminar Topologie*

## Universität Bern

**Prof. Dr. Johannes Rau (Universität Tübingen)**

Counting curves and polynomials - a tropical view

17:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, Lecture Room 119

*Mathematisches Kolloquium*

## Tuesday, December 4

## EPF Lausanne

**Leonard Rubio y Degraffi (University of Leicester)**On the Lie structure of  $\mathbb{H}^1$  of blocks with one simple module and of tame blocks

15:00 • EPF Lausanne, Salle PH H3 33

*Groups, Arithmetic and Algebraic Geometry Seminar*

## ETH Zürich

**Prof. Dr. Gian Paolo Leonardi (Università di Modena)**

Approximate curvatures of a varifold

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

*Analysis Seminar*

## Université de Neuchâtel

**Françoise Dal'bo (Université de Rennes 1)**

Taux de croissance des groupes et géométrie

17:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile Argand 14, Auditoire B103

*Colloque du Mardi*

## Université de Fribourg

**Prof. Dr. Bernard Ries (Université de Fribourg)**

On some graph modification problems

17:15 • Université de Fribourg, room Phys 2.52

*Colloquium*

## Wednesday, December 5

## ETH Zürich

**Prof. Dr. Sebastian Baader (Universität Bern)**

Geometry of Surfaces

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

*Nachdiplomvorlesung*

## Université de Fribourg

**László Márton Tóth (Alfréd Rényi Institute & EPF Lausanne)**

Graph convergence and cost theory

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

*Oberseminar Geometrie*

<b>EPF Lausanne</b>	<i>Seminar of Applied Topology</i>
<b>Daniel Durante (Università Commerciale Luigi Bocconi, Milano)</b> Bayesian nonparametric modeling of populations of brain networks 15:00 • EPF Lausanne, Salle B1.03_NeuroTopOffice Campus Biotech	
<b>ETH Zürich</b>	<i>Algebraic Geometry and Moduli Seminar</i>
<b>Prof. Dr. Filippo Viviani (Universität Rom III)</b> On the first steps of the minimal model program for the moduli space of stable pointed curves 15:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2	
<b>ETH Zürich</b>	<i>Zurich Colloquium in Applied and Computational Mathematics</i>
<b>Prof. Dr. Elena Cordero (Università degli Studi di Torino)</b> Generalized Born-Jordan Distributions and Applications to the Reduction of Interferences 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2	
<b>ETH Zürich</b>	<i>Seminar on Stochastic Processes</i>
<b>Gaultier Lambert (Universität Zürich)</b> How much can the eigenvalue of a random matrix fluctuates? 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	

### Thursday, December 6

<b>Universität Basel</b>	<i>Bernoullis Tafelrunde</i>
<b>Philippe Wenk (Universität Basel)</b> Title T.B.A. 12:15 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Room 05.002	
<b>ETH Zürich</b>	<i>Algebraic Geometry and Moduli Seminar</i>
<b>Dr. Kaloyan Slavov (ETH Zürich)</b> The moduli space of hypersurfaces whose singular locus has high dimension 14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G	
<b>Université de Genève</b>	<i>Séminaire de Topologie et Géométrie</i>
<b>Giulio Belletti (Scuola Normale Superiore / Université de Toulouse)</b> Asymptotics of Turaev-Viro invariants and volume 14:15 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 17	
<b>ETH Zürich</b>	<i>Talks in Mathematical Physics</i>
<b>Iakovos Androulidakis (University of Athens)</b> A Baum-Connes conjecture for singular foliations and its use 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	
<b>Université de Genève</b>	<i>Colloque de Mathématiques</i>
<b>Pär Kurlberg (KTH Stockholm)</b> Class numbers and class groups for definite binary quadratic forms 16:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17	
<b>ETH Zürich</b>	<i>Kolloquium über Mathematik, Informatik und Unterricht</i>
<b>Franz Lemmermeyer (Gymnasium St. Gertrudis)</b> Vom Newton-Verfahren zu Gruppengesetzen auf Kegelschnitten 17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 3	

### Friday, December 7

<b>EPF Lausanne</b>	<i>Talks in Mathematical Finance</i>
<b>Andrey Golubov (Rotman School of Management, University of Toronto)</b> Title T.B.A. 10:30 • EPF Lausanne, Quartier UNIL - Dorigny, Salle Extranef 126	

<b>Universität Basel</b> <b>Zakaria Belhachmi (LMIA - Université de Haute-Alsace)</b> Title T.B.A. 11:00 • Universität Basel, Mathematisches Institut, Spiegelgasse 5, 4051 Basel, Raum 05.001	<i>Seminar in Numerical Analysis</i>
<b>ETH Zürich</b> <b>Prof. Dr. Morten Risager (University of Copenhagen)</b> Title T.B.A. 14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Number Theory Seminar</i>
<b>EPF Lausanne</b> <b>Dr. Miles Wheeler (Universität Wien)</b> Global bifurcation of rotating vortex patches 14:15 • EPF Lausanne, salle MA A3 31	<i>Séminaire d'Analyse</i>
<b>EPF Lausanne</b> <b>Stefano Rizzelli (Università Bocconi)</b> Bayesian inference for multivariate extremes 14:15 • EPF Lausanne, Salle MA 10	<i>Statistics Seminar</i>
<b>ETH Zürich</b> <b>Pascaline Descloux (Université de Genève)</b> Model selection with Lasso-Zero 15:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1	<i>Research Seminar in Statistics</i>
<b>ETH Zürich</b> <b>Dr. Ulrike Riess (ETH Zürich)</b> Title T.B.A. 15:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Algebraic Geometry and Moduli Seminar</i>
<b>ETH Zürich</b> <b>Denis Chetverikov (ETH Zürich)</b> On cross-validated lasso 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1	<i>Research Seminar in Statistics</i>
<b>EPF Lausanne</b> <b>Raphaël De Deloye (EPF Lausanne)</b> Functional Peaks-over-threshold Analysis for Complex Extreme Events 17:00 • EPF Lausanne, Salle MA B1 11	<i>Soutenance de Thèse</i>

### Special Announcements

#### Borel Seminar 2018

*Topology and Dynamics in the Swiss Alps*

Les Diablerets

December 3-7, 2018

<http://www.unige.ch/math/folks/neofytid/Borel2018/index.html>

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