

## Monday, October 8

## EPF Lausanne

## Andrey Kupavskii (University of Birmingham)

Crossing Tverberg theorem

14:00 • EPF Lausanne, Salle MA B1 524

DCG DISOPT Seminar

## Université de Genève

## Thomas Budzinski (ENS Paris)

Supercritical causal maps: geodesics and simple random walk

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

Séminaire de Mathématique Physique

## ETH Zürich

## Octav Cornea (University of Montreal)

Weighted fragmentation metrics and a conjecture of Viterbo

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

Symplectic Geometry Seminar

## Université de Fribourg

## Jonathan Wermelinger (Université de Fribourg)

On the diffeomorphism classification of homotopy  $\mathbb{R}P^7$ 

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

Oberseminar Topologie

## Université de Genève

## Sione Ma'u (University of Auckland, New Zealand)

Polynomial degree via pluripotential theory

16:30 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Séminaire "Fables Géométriques"

## Tuesday, October 9

## EPF Lausanne

## Jonathan Campbell (Vanderbilt University)

Title T.B.A.

10:15 • EPF Lausanne, Salle CM 1 113

Séminaire de Topologie

## Université de Genève

## Daniel Lenz (Universität Jena)

Almost periodicity and discrete spectrum for topological dynamical system

10:30 • Université de Genève, Section Mathématiques, Centre Acacias II, Salle 623

Groupes et Géométrie

## Université de Genève

## Iryna Kulchytska-Ruchka (Technische Universität Darmstadt)

Parareal for a magnetoquasistatic model

14:00 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

Séminaire d'Analyse Numérique

## ETH Zürich

## Prof. Dr. Yuan-Pin Lee (University of Utah)

From quantum flips to functoriality of Gromov-Witten theory

14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 26.1

Algebraic Geometry and Moduli Seminar

## ETH Zürich

## Prof. Dr. Serena Dippiro (The University of Western Australia, Perth)

Title T.B.A.

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

Analysis Seminar

<p><b>EPF Lausanne</b>  <b>Prof. Dr. Dimitri Van De Ville (EPF Lausanne)</b>            Computational Neuroimaging to Understand Dynamics of Human Brain Activity            16:15 • EPF Lausanne, Salle MA A3 30</p>	<p><i>Seminar of Numerical Analysis</i></p>
<p><b>Universität Zürich</b>  <b>Prof. Dr. Benjamin Schlein (University of Zurich)</b>            Bogoliubov excitations of Bose-Einstein condensates            17:15 • UZH Zentrum, Building KO2, Room F 150</p>	<p><i>Zurich Colloquium in Mathematics</i></p>
<p><b>Université de Fribourg</b>  <b>Prof. Dr. Jean-Pierre Eckmann (Université de Genève)</b>            Protein: the physics and mathematics of amorphous learning matter            17:15 • Université de Fribourg, room Phys 2.52</p>	<p><i>Colloquium</i></p>
<p><b>Wednesday, October 10</b></p>	
<p><b>ETH Zürich</b>  <b>Prof. Dr. Sebastian Baader (Universität Bern)</b>            Geometry of Surfaces            10:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Nachdiplomvorlesung</i></p>
<p><b>EPF Lausanne</b>  <b>Andriy Regeta (Universität Köln)</b>            Affine G-varieties of "small" dimension            15:00 • EPF Lausanne, Salle MA A1 12</p>	<p><i>Séminaire d'Algèbre et de Théorie des Nombres</i></p>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Dan Edidin (University of Missouri)</b>            Intersecting cycles on good moduli spaces            15:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2</p>	<p><i>Algebraic Geometry and Moduli Seminar</i></p>
<p><b>Universität Zürich</b>  <b>Dr. Hannes Bartz (DLR, Oberpfaffhofen-Wessling)</b>            Construction and Decoding of MDPC Codes for McEliece Crptosystems            16:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12</p>	<p><i>Seminar on Coding Theory and Cryptography</i></p>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Steffen Börm (Institut für Informatik, Universität Kiel)</b>            Hybrid compression of boundary element matrices for high-frequency Helmholtz problems            16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2</p>	<p><i>Zurich Colloquium in Applied and Computational Mathematics</i></p>
<p><b>ETH Zürich</b>  <b>Alejandro Rivera (Université de Grenoble)</b>            Decorrelation of topological events for smooth Gaussian fields            17:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Seminar on Stochastic Processes</i></p>
<p><b>Thursday, October 11</b></p>	
<p><b>Universität Zürich</b>  <b>Enrico Valdinoci (University of Western Australia)</b>            Chaotic orbits for nonlocal equations and applications to atom dislocation dynamics in crystals            15:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 46</p>	<p><i>PDE and Mathematical Physics</i></p>
<p><b>Université de Genève</b>  <b>Mikhail Khovanov (Columbia University)</b>            How to categorify the ring of integers with two inverted            16:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17</p>	<p><i>Colloque de Mathématiques</i></p>

**Friday, October 12**

**EPF Lausanne**

**Will Gornall (The University of British Columbia)**

Squaring Venture Capital Valuations with Reality

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

*Talks in Mathematical Finance*

**ETH Zürich**

**Prof. Dr. Dimitri Zvonkine (Université de Versailles)**

Title T.B.A.

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

*Algebraic Geometry and Moduli Seminar*

### **Special Announcements**

#### **Fields Medals Day**

University of Bern

October 19, 2018

<http://www.math.ch/activities/fields-medals-day/>

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