

<b>Monday, May 14</b>	
<b>ETH Zürich</b> <b>Prof. Dr. Alexander Polishchuk (University of Oregon)</b> A-infinity structures and moduli spaces 10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Nachdiplomvorlesung</i>
<b>Universität Zürich</b> <b>Dr. Umberto Zannier (Scuola Normale Superiore)</b> Title T.B.A. 13:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25	<i>Oberseminar: Algebraische Geometrie</i>
<b>Université de Genève</b> <b>Konstantin Izyurov (Université de Genève)</b> Title T.B.A. 15:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17	<i>Séminaire de Mathématique Physique</i>
<b>ETH Zürich</b> <b>Dr. Gleb Smirnov (SISSA, Trieste)</b> Symplectomorphism groups of elliptic ruled surfaces 15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43	<i>Symplectic Geometry Seminar</i>
<b>Université de Genève</b> <b>Ilya Itenberg (Paris VI - ENS)</b> Finite real algebraic curves 16:30 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge	<i>Séminaire "Fables Géométriques"</i>
<b>Universität Bern</b> <b>Dr. Rafael Andrist (Universität Wuppertal)</b> Title T.B.A. 17:00 • Universität Bern, Sidlerstrasse 5, 3012 Bern, ExWi B78	<i>Mathematisches Kolloquium</i>
<b>Tuesday, May 15</b>	
<b>EPF Lausanne</b> <b>Matija Bašić (University of Zagreb)</b> Combinatorial models for stable homotopy theory 09:15 • EPF Lausanne, Salle CM 1 113	<i>Séminaire de Topologie</i>
<b>Université de Fribourg</b> <b>Andrea Mondino (University of Warwick)</b> Geometric and functional inequalities via a 1-dimensional localisation method 10:00 • Université de Fribourg, Science de la Terre, Chemin du Musée 6, Room 1.309	<i>Geometric Analysis Seminar</i>
<b>EPF Lausanne</b> <b>Joana Cirici (University of Barcelona)</b> Galois actions, purity and formality with torsion coefficients 10:15 • EPF Lausanne, Salle CM 1 113	<i>Séminaire de Topologie</i>
<b>Université de Genève</b> <b>Aitor Perez Perez (Université de Genève)</b> Schreier graphs of spinal groups 10:30 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17	<i>Groupes et Géométrie</i>
<b>Universität Basel</b> <b>Peter Feller (ETH Zürich)</b> Title T.B.A. 10:30 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, fifth floor	<i>Seminar Algebra &amp; Geometrie</i>

<p><b>Université de Genève</b>  <b>Xiaoming He (Missouri University)</b>  Dual-porosity-Stokes model and finite element method for coupling dual-porosity flow and free flow  14:00 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623</p>	<i>Séminaire d'Analyse Numérique</i>
<p><b>EPF Lausanne</b>  <b>Ginestra Bianconi (Queen Mary University London)</b>  Title T.B.A.  14:15 • EPF Lausanne, Salle GC A1 416</p>	<i>Seminar of Applied Topology</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Armin Schikorra (Universität Basel)</b>  Title T.B.A.  15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Analysis Seminar</i>
<p><b>EPF Lausanne</b>  <b>Dr. Tommaso Taddei (Université Pierre et Marie Curie)</b>  An adaptive Parameterized-Background Data-Weak Approach to state estimation  16:15 • EPF Lausanne, Salle MA A3 31</p>	<i>Seminar of Numerical Analysis</i>
<p><b>Université de Neuchâtel</b>  <b>Matthieu Jacquemet (HES Valais &amp; Université de Fribourg)</b>  A few is known about hyperbolic Coxeter groups, but little of them are known  17:00 • Université de Neuchâtel, Rue Emile - Argand 11, Salle B 103</p>	<i>Colloque du Mardi</i>
<p><b>Université de Fribourg</b>  <b>Andrea Mondino (University of Warwick, UK)</b>  Smooth and non-smooth aspects of Ricci curvature lower bounds  17:15 • Université de Fribourg, room Phys 2.52</p>	<i>Colloquium</i>
<b>Wednesday, May 16</b>	
<p><b>ETH Zürich</b>  <b>Prof. Dr. Boris Hasselblatt (Tufts University)</b>  Hyperbolic flows  10:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<i>Nachdiplomvorlesung</i>
<p><b>Université de Fribourg</b>  <b>Edoardo Dotti (Université de Fribourg)</b>  Title T.B.A.  10:20 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room</p>	<i>Oberseminar Geometrie</i>
<p><b>Université de Fribourg</b>  <b>Lisa Lamberti (ETH Zürich)</b>  On tensor diagrams  14:00 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room</p>	<i>Combinatorics Seminar</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Daniel Loughran (University of Manchester)</b>  Probabilistic arithmetic geometry  14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Number Theory Seminar</i>
<p><b>Universität Zürich</b>  <b>Cem Guneri (Sabanci University)</b>  Linear Complementary Pair of Codes  15:00 • UZH Irchel, Building 27, Room H 28</p>	<i>Seminar on Coding Theory and Cryptography</i>
<p><b>ETH Zürich</b>  <b>Todd Fisher (Brigham Young University)</b>  Title T.B.A.  15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Geometry Seminar</i>

**Universität Zürich**

**Paolo A. Vettori (University of Aveiro)**

To be announced

16:00 • UZH Irchel, Building 27, Room H 28

*Seminar on Coding Theory and Cryptography*

**ETH Zürich**

**Demetrios Christodoulou**

A personal experience through mathematics and physics

17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room F 30

*Farewell Lectures*

**Thursday, May 17**

**Universität Basel**

**Rémi Bignalet-Cazalet (Université de Bourgogne, Dijon)**

Title T.B.A.

12:15 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Room 00.003

*Bernoullis Tafelrunde*

**Université de Genève**

**Azat Gainutdinov (Université de Tours)**

Modified trace, integrals and invariants

14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17

*Séminaire de Topologie et Géométrie*

**Universität Basel**

**Daniel Loughran (The University of Manchester)**

Probabilistic arithmetic geometry

14:15 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 5, Room 05.002

*Seminar Zahlentheorie*

**ETH Zürich**

**Thanu Padmanabhan (IUCAA, Pune, India)**

Gravity, the information content of spacetime and the cosmological constant

15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 5

*ITS Science Colloquium*

**ETH Zürich**

**Nicholas G. Reich (University of Massachusetts, Amherst)**

Forecasting infectious disease epidemics via weighted density ensembles

16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2

*ZüKoSt Zürcher Kolloquium über Statistik*

**ETH Zürich**

**Eckhard Platen (University of Technology Sydney)**

Dynamics of a Well-Diversified Equity Index and Martingale Inference

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

*Talks in Financial and Insurance Mathematics*

**Friday, May 18**

**ETH Zürich**

**Prof. Dr. Ludger Rüschendorf (Albert-Ludwigs-Universität Freiburg)**

Dependence, Risk Bounds and Optimal Portfolios

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

*Nachdiplomvorlesung*

**EPF Lausanne**

**Frederico Belo (University of Minnesota)**

Title T.B.A.

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

*Talks in Mathematical Finance*

**Universität Basel**

**Prof. Dr. Holger Fröning (Universität Heidelberg)**

Machine Learning Driving Innovative Computing Concepts

11:00 • Universität Basel, Mathematisches Institut, Spiegelgasse 1, 4051 Basel, Raum 00.003

*Seminar in Numerical Analysis*

**Université de Fribourg**

**Tomasz Adamowicz (IM PAN Warsaw)**

Mean-value harmonic functions

14:00 • Université de Fribourg, Science de la Terre, Chemin du Musée 6, Room 1.309

*Geometric Analysis Seminar*

**ETH Zürich**

**Prof. Dr. Angelo Vistoli (SNS Pisa)**

Chow rings of some moduli spaces of smooth curves

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

*Algebraic Geometry and Moduli Seminar*

### **Special Announcements**

#### **Number Theory Days 2018**

University of Basel

June 1-2, 2018

<https://numbertheory.dmi.unibas.ch/NTD2018/>

address: Marianne Pfister, Departement Mathematik, ETH Zürich, Rämistrasse 101, CH-8092 Zürich  
email: [smg@math.ethz.ch](mailto:smg@math.ethz.ch) | fax: +41 44 632 1085 | phone: +41 44 632 5615 | url: <http://www.math.ch>

