

**Monday, April 4****Universität Zürich****Dr. Michal Kapustka (University of Stavanger)**

Calabi-Yau threefolds in codimension 4

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

*Oberseminar: Algebraische Geometrie***Université de Lausanne****Hirbod Assa (University of Liverpool)**

Market consistent valuations in imperfect markets

14:00 • Université de Lausanne, salle Extranef 126

*Talks in Actuarial Mathematics***Universität de Genève****Christian Hagendorf (Université Catholique de Louvain)**

Title T.B.A.

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

*Séminaire de Mathématique Physique***Université de Genève****Lionel Lang (University of Uppsala)**

The vanishing cycles of curves in toric surfaces

16:15 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

*Séminaire "Fables Géométriques"***Universität Bern****Prof. Dr. Andrew Lobb (University of Durham)**

Khovanov homology

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

*Mathematisches Kolloquium***Tuesday, April 5****ETH Zürich****Prof. Dr. Alexander Lubotzky (The Hebrew University of Jerusalem)**

High Dimensional Expanders

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

*Nachdiplomvorlesung***EPF Lausanne****Matthew Gadsden (University of Sheffield)**

Assembly maps in coarse geometry

10:15 • EPF Lausanne, Salle CM 113

*Séminaire de Topologie***Université de Fribourg****Dr. Anne Thomas (University of Sydney)**

Bowditch's JSJ tree and the quasi-isometry classification of certain Coxeter groups

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

*Oberseminar Geometrie***Université de Genève****Carsten Gräser (Universität Berlin)**

Nonlinearly preconditioned inexact Newton methods for nonsmooth optimization

14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 623

*Séminaire d'Analyse Numérique***ETH Zürich****Prof. Dr. Bernard Dacorogna (Université de Lausanne)**

"Symplectic decomposition, Darboux theorem and ellipticity"

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

*Analysis Seminar*

<p><b>Universität Zürich</b>  <b>Pedro Boavida de Brito (UC Louvain)</b>            Spaces of smooth embeddings, Goodwillie-Weiss calculus and the little discs operad I            17:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 28</p>	<p><i>Talks in Mathematical Physics</i></p>
<p><b>Wednesday, April 6</b></p>	
<p><b>ETH Zürich</b>  <b>Dr. Anne Thomas (University of Sydney)</b>            Geometric and topological aspects of Coxeter groups and buildings            10:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Nachdiplomvorlesung</i></p>
<p><b>ETH Zürich</b>  <b>Christoph Schiessl (ETH Zurich)</b>            Betti numbers of configuration spaces            13:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Algebraic Geometry and Moduli Seminar</i></p>
<p><b>ETH Zürich</b>  <b>Alina Vdovina (University of Newcastle, UK &amp; FIM)</b>            Expanders, buildings and Beauville surfaces            15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<p><i>Geometry Seminar</i></p>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Frédéric Coquel (CMAP - Ecole polytechnique)</b>            Title T.B.A.            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>Universität Zürich</b>  <b>Pedro Boavida de Brito (UC Louvain)</b>            Spaces of smooth embeddings, Goodwillie-Weiss calculus and the little discs operad II            17:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 28</p>	<p><i>Talks in Mathematical Physics</i></p>
<p><b>Universität Zürich</b>  <b>Torben Krüger (IST Austria)</b>            Local eigenvalue statistics for random matrices with short range correlations            17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<p><i>Seminar on Stochastic Processes</i></p>
<p><b>Thursday, April 7</b></p>	
<p><b>Université de Fribourg</b>  <b>Dr. Davide Bolognini (Università degli Studi di Genova)</b>            Betti splitting of monomial ideals and simplicial complexes            10:15 • Université de Fribourg, ch. du Musée 23, seminar room 0.102</p>	<p><i>Combinatorics Seminar</i></p>
<p><b>Universität Basel</b>  <b>Christoph Schiessl (ETH Zürich)</b>            Title T.B.A.            12:15 • Universität Basel, Departement Mathematik und Informatik, Spiegelgasse 1, SR 00.003</p>	<p><i>Bernoullis Tafelrunde</i></p>
<p><b>Université de Neuchâtel</b>  <b>Anne Thomas (University of Sydney/FIM ETHZ)</b>            Reflection length in affine Coxeter groups            14:00 • Université de Neuchâtel, Institut de Mathématiques, Rue Emile - Argand 11, CH-2000 Neuchâtel, Auditoire B218</p>	<p><i>Groups and analysis</i></p>
<p><b>EPF Lausanne</b>  <b>Régis de la Bretèche (Université Paris Diderot)</b>            Comment compter les solutions d'équation du type <math>\sum_{j=1}^n x_j/y_j = a</math> où <math>a=0</math> ou <math>1</math> ?            14:15 • EPF Lausanne, Salle GRA 330</p>	<p><i>Séminaire d'Algèbre et de Théorie des Nombres</i></p>

<p><b>Université de Genève</b>  <b>Jean-Claude Hausmann (Université de Genève)</b>  Actions scindées  14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17</p>	<i>Séminaire de Topologie et Géométrie</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Michael Röckner (Universität Bielfeld)</b>  Variational approach to SPDEs and corresponding Fokker-Planck-Kolmogorov Equations  14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2</p>	<i>Nachdiplomvorlesung</i>
<p><b>ETH Zürich</b>  <b>Pedro Boavida de Brito (UC Louvain)</b>  Spaces of smooth embeddings, Goodwillie-Weiss calculus and the little discs operad III  15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Talks in Mathematical Physics</i>
<p><b>ETH Zürich</b>  <b>Christoph Buser (AXA Winterthur)</b>  Analyse von Telematik-Daten  16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<i>ZüKoSt Zürcher Kolloquium über Statistik</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Riccardo Barbieri (ETH-ITS and Scuola Normale Superiore di Pisa)</b>  From the electron to the Higgs boson: complete or incomplete?  16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 5</p>	<i>ITS Science Colloquium</i>
<p><b>EPF Lausanne</b>  <b>Prof. Dr. Nicolai Reshetikhin (University of California at Berkeley)</b>  Limit shapes in statistical mechanics and integrability  16:15 • EPF Lausanne, Salle MA 11</p>	<i>Mathematics Colloquium</i>
<p><b>Universität Basel</b>  <b>Prof. Dr. Benoît Perthame (CNRS/INRIA)</b>  Adaptive evolution and concentrations in parabolic PDEs  16:15 • Universität Basel, Departement Mathematik und Informatik, Spiegelgasse 5, SR 05.002</p>	<i>Perlen-Kolloquium</i>
<p><b>ETH Zürich</b>  <b>Tobias Fissler (Universität Bern)</b>  Higher Order Elicitability: Expected Shortfall is jointly elicitable with Value at Risk - Implications for Backtesting  17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Talks in Financial and Insurance Mathematics</i>
<p><b>Universität Zürich</b>  <b>Prof. Dr. Nicola Visciglia (Dipartimento di Matematica, Università degli Studi di Pisa)</b>  [Video] Remarks on the growth of Sobolev norms for NLS on a compact manifold  18:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 35/36</p>	<i>Seminar PDE and Mathematical Physics</i>
<b>Friday, April 8</b>	
<p><b>Universität Basel</b>  <b>Luca Tasin (Universität Bonn)</b>  Title T.B.A.  10:30 • Universität Basel, Fachbereich Mathematik, Spiegelgasse 1</p>	<i>Seminar Algebra &amp; Geometrie</i>
<p><b>ETH Zürich</b>  <b>Prof. Dr. Nigel Boston (University of Wisconsin at Madison and FIM)</b>  Non-abelian Cohen-Lenstra heuristics  14:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43</p>	<i>Number Theory Seminar</i>
<p><b>EPF Lausanne</b>  <b>Yannis Petridis (University College London)</b>  Lattice point problems in hyperbolic spaces  14:15 • EPF Lausanne, Salle MA A 331</p>	<i>Séminaire d'Algèbre et de Théorie des Nombres</i>

**Universität Basel***Seminar Zahlentheorie***Prof. Dr. Umberto Zannier (Scuola Normale Superiore, Pisa)**

On the Hilbert Property and the fundamental group of algebraic varieties

14:15 • Universität Basel, Spiegelgasse 5, 4051 Basel, Raum 05.001

**ETH Zürich***Research Seminar in Statistics***Rainer von Sachs (Université catholique de Louvain)**

Functional mixed effect models for spectra of subject-replicated time series

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

**ETH Zürich***Algebraic Geometry and Moduli Seminar***Prof. Dr. Dan Petersen (University of Copenhagen)**

Title T.B.A.

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

**Universität Zürich***Talks in Mathematical Physics***Pedro Boavida de Brito (UC Louvain)**

Spaces of smooth embeddings, Goodwillie-Weiss calculus and the little discs operad IV

17:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 28

**Special Announcements****Number Theory Days**

ETH Zürich

April 15-16, 2016

<https://people.math.ethz.ch/~kowalski/ntd-2016.html>

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>

