

Monday, December 17**Universität Zürich***Advanced Seminar in Algebraic Geometry***Dr. Ronald van Luijk (Universiteit Leiden, EPF Lausanne)**

Computing Néron-Severi groups

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

Université de Genève*Séminaire de Mathématique Physique***Thierry Levy (Université Pierre et Marie Curie, Paris)**

The master field on the plane

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

Universität Bern*Mathematisches Kolloquium***Prof. Dr. Johanna Ziegel (Universität Bern)**

Isotropic random fields and positive definite functions on spheres

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

Tuesday, December 18**Université de Neuchâtel***Swiss Doctoral Program in Mathematics***Michel Benaïm & Ioana Ciotir (Université de Neuchâtel)**

Mouvement Brownien et Equations Différentielles stochastiques

10:00 • Université de Neuchâtel, Rue Emile Argand 11, salle A218

Université de Genève*Séminaire d'Analyse Numérique***Euan Spence (University of Bath)**

Is the Helmholtz equation really sign-indefinite?

14:15 • Université de Genève, Salle 623

ETH Zürich*Analysis Seminar***Dr. Lu Wang (John Hopkins University, USA)**

Rigidity of Self-similar Solutions of Geometric Flows

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

EPF Lausanne*Séminaire d'Algèbre et de Théorie des Nombres***Michel van Garrel (Caltech)**

Relative mirror symmetry for Del Pezzo surfaces and a mirror theorem for the open complement

15:15 • EPF Lausanne, Salle MA 31

Université de Neuchâtel*Colloque du Mardi***Fabian Ziltener (KIAS Seoul & Hausdorff Institut Bonn)**

Coisotropic submanifolds of symplectic manifolds, leafwise fixed points, and a discontinuous capacity; Part I

16:15 • Université de Neuchâtel, Rue Emile-Argand 11

Wednesday, December 19**Université de Neuchâtel***Séminaire de Géométrie et Systèmes dynamiques***Fabian Ziltener (KIAS Seoul & Hausdorff Institut Bonn)**

Coisotropic submanifolds of symplectic manifolds, leafwise fixed points, and a discontinuous capacity; Part II

10:00 • Université de Neuchâtel, Rue Emile Argand 11

Universität Bern*Institute Seminar***Nicolas Durrande (Sheffield University, UK)**

Detecting periodicity in RKHS with Matérn kernels

11:00 • Universität Bern, Alpeneggstr. 22, Room 203

<p>Université de Genève David Cohen (Umea University, Schweden) Energy-preserving integrators for stochastic Poisson systems 11:15 • Université de Genève, Salle 623</p>	<p><i>Séminaire d'Analyse Numérique</i></p>
<p>EPF Lausanne Maciej Ulas (Jagiellonian University, Polen) Polynomial solutions of the Diophantine equation $a(x^p - y^q) = b(z^r - w^s)$, with $1/p + 1/q + 1/r + 1/s = 1$ and related results 11:15 • EPF Lausanne, SB-CIB, Station 15, Auditoire AAC 0 06</p>	<p><i>Séminaire Centre Interfacultaire Bernoulli</i></p>
<p>Universität Basel Benjamin Texier (Université Paris-Diderot) When the Garding inequality is ineffective: examples and remedies 15:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, 4051 Basel, Grosser Hörsaal</p>	<p><i>Seminar in Analysis</i></p>
<p>ETH Zürich Dr. Alexey Chernov (Universität Bonn) Numerical methods for stochastic obstacle problems 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2</p>	<p><i>Colloquium in Applied and Numerical Mathematics</i></p>
<p>ETH Zürich Jiri Cerny (Universität Wien) Directed random walk on an oriented percolation cluster 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2</p>	<p><i>Seminar on Stochastic Processes</i></p>
<p>Université de Genève Anders Karlsson (Université de Genève) The magic of Poisson summation 16:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17</p>	<p><i>Colloque de Mathématiques</i></p>
<p>ETH Zürich Yves Le Jan (Université Paris Orsay) Markovian loop clusters 17:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.2</p>	<p><i>Seminar on Stochastic Processes</i></p>
<p>Thursday, December 20</p>	
<p>EPF Lausanne Damaris Schindler (University of Bristol) Norms as products of polynomials 11:15 • EPF Lausanne, SB-CIB, Station 15, Auditoire AAC 0 06</p>	<p><i>Séminaire Centre Interfacultaire Bernoulli</i></p>
<p>EPF Lausanne Andrew Morrison (ETH Zürich) Two constructible functions on the Hilbert scheme of points 15:15 • EPF Lausanne, Salle CM 1 100</p>	<p><i>Geometry Seminar EPFL</i></p>
<p>Universität Zürich Prof. Dr. Arnaud Rougirel (Université Poitiers) On a new wave energy converter model 16:00 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25</p>	<p><i>Seminar in Partial Differential Equations and Numerics</i></p>
<p>ETH Zürich Stefano Castruccio (Department of Statistics, The University of Chicago) Space time global models for climate ensembles 16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1</p>	<p><i>ZüKoSt Zürcher Kolloquium über Statistik</i></p>

Friday, December 21

Université de Genève

Tullio Ceccherini-Silberstein (Università di Roma)

On sujunctivity, I

14:00 • Université de Genève, room t.b.a

LaWiNe Seminar: Sofic Groups

Université de Genève

Tullio Ceccherini-Silberstein (Università di Roma)

On sujunctivity, II

15:15 • Université de Genève, room t.b.a

LaWiNe Seminar: Sofic Groups

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