Monday, December 16

Université de Neuchâtel   *Seminar on Coding Theory and Cryptography*

Camilla Hollanti (Aalto University, Finland)

Algebraic number theory meets physical layer distributed storage

11:00 • Université de Neuchâtel, Institut de mathématiques, Rue Emile-Argand 11, Room B217

Université de Neuchâtel   *Seminar on Coding Theory and Cryptography*

Kyle Marshall (Universität Zürich)

The Geometry of List-Decoding Projective Space Codes

13:00 • Université de Neuchâtel, Institut de mathématiques, Rue Emile-Argand 11, Room B217

Universität Zürich   *Advanced Seminar in Algebraic Geometry*

Prof. Dr. Gunther Cornelissen (University of Utrecht)

Title T.B.A.

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

EPF Lausanne   *Geometry Seminar EPFL*

Ludmil Katzarkov (Universität Wien)

Categories and Dynamical systems

15:15 • EPF Lausanne, Salle MA A1 10

Université de Genève   *Séminaire de Mathématique Physique*

Alexandre Boritchev (Université de Genève)

The randomly forced 1D Burgers equation: stationary measure and turbulence

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

ETH Zürich   *Optimization and Applications Seminar*

Dr. Julia Pap (Eötvös University, Budapest, Hungary)

Applications of a polyhedral version of Sperner's Lemma

16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

Universität Bern   *Mathematisches Kolloquium*

Dr. Rafael B. Andrist (Bergische Universität Wuppertal)

Proper holomorphic embeddings into Stein manifolds with Density Property

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

Universität Zürich   *Seminar in Partial Differential Equations*

Dr. Peter M. Topping (University of Warwick)

Regularity theory for the Teichmueller harmonic map flow

17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 12

Tuesday, December 17

Université de Neuchâtel   *Neuchâtel Probability Seminar*

Dr. Miquel Oliu-Barton (Université P. et M. Curie, Paris)

Jeux à information incomplète

10:00 • Université de Neuchâtel, Institut de mathématiques, rue Emile Argand 11, Neuchâtel, Salle B217

EPF Lausanne   *Group Theory Seminar*

Shigeo Koshitani (Chiba University, Japan)

PIM's and Cartan invariants for group algebras of finite groups

10:15 • EPF Lausanne, Salle MA A1 12

Université de Neuchâtel *Groups and analysis*
Scott Thomson (Université de Fribourg)
Short geod esics and non - arithmetic groups
10:30 • Université de Neuchâtel, Rue Emile Argand 11, Auditoire B217

Universität Fribourg *Colloquium*
Prof. Dr. Tamas Hausel (EPF Lausanne)
Betti numbers of large hyperkähler varieties
17:15 • Universität Fribourg, Hörsaal 2.52, Physikgebäude, 1700 Fribourg

Wednesday, December 18

ETH Zürich *Nachdiplomvorlesung*
Prof. Dr. Mihalis Dafermos (University of Cambridge, UK)
The geometry and analysis of black holes in general relativity
10:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Universität Basel *Seminar in Analysis*
Emil Wiedemann (University of British Columbia)
Incompressible Extensions in Sobolev Spaces
15:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal

ETH Zürich *Colloquium in Applied and Numerical Mathematics*
Prof. Dr. Raul Rojas (FU Berlin)
The architecture of Zuse's Z1
16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2

ETH Zürich *Seminar on Stochastic Processes*
Tal Orenshtein (Weizmann Institute of Science and TU Munich)
Excitements in one dimension
17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Thursday, December 19

Université de Genève *Séminaire de Topologie et Géométrie*
Claude Weber (Université de Genève)
Les origines des "amphicheirals" (noeuds alternés achiraux) chez Tait, Maxwell et Haseman
14:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17

EPF Lausanne *Computational Science and Engineering*
Prof. Dr. Daniele Venturi (Brown University, Providence, USA)
A new framework for stochastic analysis in large scale simulations based on convolutionless Nakajima - Zwanzig
PDF equations
15:00 • EPF Lausanne, Salle GR A3 30

ETH Zürich *Talks in Mathematical Physics*
Lisa Lamberti (University of Oxford)
Title T.B.A.
15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Universität Zürich *Seminar in Partial Differential Equations and Numerics*
Prof. Dr. Sergey I. Repin (Russian Academy of Sciences)
Poincare type estimates for functions with zero mean on the boundary and applications to quantitative analysis
of PFEs
16:00 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

Universität Basel *Perlen-Kolloquium*
Prof. Dr. David Masser (Universität Basel)
The unlikelihood of integrability in elementary terms.
16:15 • Universität Basel, Alte Universität, Rheinsprung 9, Hörsaal 118

Universität Zürich   *Workshop in Analysis*

Prof. Dr. Stanislav Antontsev (University of Lisbon)

CMAF, University of Lisbon A class of electromagnetic p(x; t)-curl systems: existence, uniqueness, blow-up and finite time extinction

17:15 • UZH Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

Friday, December 20

Universität Basel   *Seminar Algebra & Geometrie*

Rafael Tiedra (Pontifical Catholic University of Chile)

The absolute continuous spectrum of skew products of compact Lie groups

10:30 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Kleiner Hörsaal