Monday, December 3

EPF Lausanne *Group Theory Seminar*
Serge Bouc (Université d'Amiens)
Le foncteur des représentations rationnelles
10:15 • EPF Lausanne, Salle MA A3 31

Universität Zürich *Talks in Mathematical Physics*
Damiano Anselmi (Università di Pisa)
Field-covariant quantum field theory: formulation, renormalization and Batalin-Vilkovisky formalism I
10:30 • UZH Irchel, Building 27, Room H 28

Universität Zürich *Advanced Seminar in Algebraic Geometry*
Dr. Riccardo Brasca (École Normale Supérieure de Lyon)
Strict O-modules and p-adic modular forms
13:15 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

Université de Genève *Parole aux jeunes chercheurs*
Justine Louis (Université de Genève)
Spanning trees in circulant graphs
14:00 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Université de Genève *Parole aux jeunes chercheurs*
Adrien Le Boudec (Université Paris Orsay)
The divergence of the group SL(3,Fq[t])
15:00 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Universität Zürich *Talks in Mathematical Physics*
Damiano Anselmi (Università di Pisa)
Field-covariant quantum field theory: formulation, renormalization and Batalin-Vilkovisky formalism II
16:00 • UZH Irchel, Building 27, Room H 28

Université de Genève *Parole aux jeunes chercheurs*
Pascal Rolli (ETH Zürich)
Split quasimorphisms
16:15 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

ETH Zürich *Optimization and Applications Seminar*
Prof. Dr. Alexander Martin (Friedrich-Alexander-Universität Erlangen-Nürnberg)
May Mixed Integer Programming help to sove MINLPs? A Case Study from Gas Network Optimization
16:30 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

Université de Genève *Parole aux jeunes chercheurs*
Alexandre Martin (Université de Strasbourg)
Classifying spaces and boundaries of groups
17:10 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Universität Bern *Mathematisches Kolloquium*
Prof. Dr. Vicenzo Marra (Università di Milano)
From vague predicates to rational polyhedra: an excursion into the mathematics of Lukasiewicz logic
17:15 • Universität Bern, Sidlerstrasse 5, 3012 Bern, ExWi B78

Université de Genève *Parole aux jeunes chercheurs*
Dan Salajan (EPF Lausanne)
On the cubic geometry for the Thompson group
18:00 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Tuesday, December 4

ETH Zürich *Colloquium in Applied and Numerical Mathematics*
Stig Larsson (Chalmers University, Sweden)
Stochastic Evolution PDEs: Finite Element Methods
10:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Université de Genève *Parole aux jeunes chercheurs*
Mucyo Karemera (Université de Genève)
Charged 6j-symbols and 3-manifold invariants
10:15 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Université de Genève *Parole aux jeunes chercheurs*
Olivier Glorieux (Université de Paris)
Patterson-Sullivan theory and critical exponent in product spaces
11:15 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Université de Genève *Parole aux jeunes chercheurs*
Nicolas De Saxcé (Université Paris Orsay)
Measurable subgroups of Lie groups
13:45 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Université de Genève *Parole aux jeunes chercheurs*
Ana Khukhro (Université de Neuchâtel)
Coarse geometry and groups
14:45 • Université de Genève, Villa Battelle, 7 route de Drize, 1227 Carouge

Université de Genève *Séminaire d'Analyse Numérique*
Helmut Harbrecht (Universität Basel)
Analytical and numerical methods in shape optimization
15:15 • Université de Genève, Salle 623

EPF Lausanne *Séminaire d'Algèbre et de Théorie des Nombres*
Philippe Michel (EPF Lausanne)
Algebraic trace weights, modular forms and the primes
15:15 • EPF Lausanne, Salle MA 31

Université de Genève *Groupes et Géométrie*
Han Li (University of Yale)
Effective Discreteness of the 3-dimensional Markov Spectrum
16:30 • Université de Genève, Salle 623

Universität Zürich *Zurich Colloquium in Mathematics*
Prof. Dr. Leonid Polterovich (Tel Aviv University, Israel)
Symplectic topologist's tales of quantum mechanics
17:15 • UZH Zentrum, Building KO2, Room F 150

Universität Fribourg *Colloquium*
Prof. Dr. Stefan Sauter (Universität Zürich)
Fast and Stable Contour Integration for High Order Divided Differences via Elliptic Functions
17:15 • Universität Fribourg, Departement für Mathematik, chemin du musée 3, 1700 Fribourg, Hörsaal 2.52

Wednesday, December 5

Universität Fribourg *Oberseminar Geometrie*
Scott Thomson (Université de Fribourg)
Title T.B.A.
10:20 • Universität Fribourg, Departement für Mathematik, chemin du musée 23, 1700 Fribourg, Math II Lonza

Universität Basel *Seminar in Analysis*
Przemysław Zielinski (Polish Academy of Sciences)
Title T.B.A.
15:00 • Universität Basel, Mathematisches Institut, Rheinsprung 21, 4051 Basel, Grosser Hörsaal

ETH Zürich *Symplectic Geometry Seminar*
Leonid Polterovich (Tel-Aviv University)
TBA (Note special day and time!!!)
15:45 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

ETH Zürich *Colloquium in Applied and Numerical Mathematics*
Adam Andersson (Chalmers University, Sweden)
Title T.B.A.
16:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room E 1.2

ETH Zürich *Seminar on Stochastic Processes*
Pierre-Loïc Méliot (Universität Zürich)
The cut-off phenomenon for Brownian motions on compact Lie groups and symmetric spaces
17:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

Thursday, December 6

ETH Zürich *Colloquium in Applied and Numerical Mathematics*
Stig Larsson (Chalmers University, Sweden)
Stochastic Evolution PDEs: Finite Element Methods
10:00 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

EPF Lausanne *Séminaire Centre Interfacultaire Bernoulli*
Yonatan Harpaz (Hebrew University of Jerusalem)
The Brauer-Manin obstruction for singular curves and applications for surfaces
11:15 • EPF Lausanne, SB-CIB, Station 15, Auditoire AAC 0 06

Université de Neuchâtel *Neuchatel Probability Seminar*
Andreas Kaufmann
Title T.B.A.
13:00 • Université de Neuchâtel, Institut de mathématiques, rue Emile Argand 11, Neuchâtel, Salle B217 (2ème étage)

Universität Basel *Seminar Zahlentheorie*
Prof. Dr. Anand Pillay (University of Leeds)
Title T.B.A.
14:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal

ETH Zürich *Talks in Mathematical Physics*
Damiano Anselmi (Università di Pisa)
Renormalization of quantum field theories that violate Lorentz symmetry at high energies
15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

EPF Lausanne *Geometry Seminar EPFL*
Fernando R. Villegas (ICTP, Trieste)
Donaldson-Thomas invariants and trees
15:15 • EPF Lausanne, Salle CM 1 100

Universität Zürich *Seminar in Partial Differential Equations and Numerics*
Prof. Dr. Andreas Kirsch (Karlsruhe Institute of Technology)
The Factorization Method for inverse scattering problems
16:00 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

Universität Basel *Perlen-Kolloquium*
Prof. Dr. Anand Pillay (University of Leeds)
Transcendence, Painlevé equations, and model theory
16:15 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Grosser Hörsaal

Université de Genève
Colloque de Mathématiques

Philippe Michel (EPF Lausanne)
Trace weights over the primes
16:15 • Université de Genève, Section Mathématiques, 2-4, rue du Lièvre, Salle 17

EPF Lausanne
Mathematics Colloquium

Prof. Dr. Desmond J. Higham (University of Strathclyde, UK)
Twitter's Big Hitters
17:15 • EPF Lausanne, MA 11

Universität Zürich
Workshop in Analysis

Prof. Dr. Carlo Sbordone (Università degli Studi di Napoli Federico II)
Sobolev and biSobolev maps in the plane
17:15 • Universität Irchel, Winterthurerstrasse 190, Zürich, Building Y27, Room H 25

Friday, December 7

Université de Fribourg
Oberseminar Topologie

Michael Wiemeler (Universität Karlsruhe)
Circle actions and scalar curvature
10:30 • Université de Fribourg, Chemin du Musée 23, Lonza (Math II) seminar room

EPF Lausanne
Group Theory Seminar

Xiong Huan (Beijing University, China)
Character Degrees of Finite Groups
10:30 • EPF Lausanne, Salle CM 113

Universität Basel
Seminar Algebra & Geometrie

Matthieu Jacquemet (Université de Fribourg)
Hyperbolic volume, estimates, and simplices.
10:30 • Universität Basel, Mathematisches Institut, Rheinsprung 21, CH-4051 Basel, Kleiner Hörsaal

Universität Basel
Seminar in Numerical Analysis

Mike Botchev (University of Twente, Niederlande)
Exponential Krylov subspace time integration for electromagnetic modeling: some recent advances
11:00 • Universität Basel, Mathematisches Institut, Rheinsprung 21, 4051 Basel, Grosser Hörsaal

EPF Lausanne
Computational Science and Engineering

Prof. Dr. Ralf Hiptmair (ETH Zürich)
Multiple point evaluation on combined tensor product supports
11:15 • EPF Lausanne, Salle MA A1 10

ETH Zürich
Number Theory Seminar

Brad Rodgers (UCLA)
Statistics of the zeros of the zeta function: mesoscopic and macroscopic phenomena
14:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 43

EPF Lausanne
Séminaire de Topologie

Marcy Robertson (Université de Lille)
On topological triangulated orbit categories
14:15 • EPF Lausanne, Salle MA 10

ETH Zürich
Statistics Research Seminar

Michael Wolf (Universität Zürich)
Nonlinear Shrinkage Estimation of Large-Dimensional Covariance Matrices
15:15 • ETH Zentrum, Rämistrasse 101, Zürich, Building HG, Room G 19.1

ETH Zürich *Algebraic Geometry and Moduli Seminar*

Prof. Dr. Brent Doran (ETH Zürich, Switzerland)

The moduli space of stable rational curves and non-linearizable actions

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

Universität Bern *Colloquia on Probability and Statistics*

Prof. Dr. Isabel Molina (Universidad Carlos III de Madrid)

Empirical best small area estimation under a nested error linear regression model with log transformation

16:00 • Universität Bern, Institut für math. Statistik und Versicherungslehre, Sidlerstrasse 5, ExWi, B 78