



BMS Days 2010 - Berlin People, Projects, Opportunities

February 15 – 16, 2010

BMS Loft, Urania
An der Urania 17, 10787 Berlin

Monday, February 15

- 9.45 Welcome
- 10.00-10.50 Jürgen Richter-Gebert (TU München): Hyperbolization of Euclidean Ornaments
- 11.10-11.30 Jürg Kramer (HU Berlin and chairman of the BMS):
The Berlin Mathematical School: Concept, Program and Insights
- 11.30-12.00 BMS Program and Student Life (Office and Student Representatives)
- 12.00-15.00 Discussion with Students and Applicants of the BMS / Lunch Break
- 15.00-15.50 Collaborative Research Center „Space - Time- Matter“
Jochen Brüning: Presentation of the Research Center
Christoph Stephan: Noncommutative Geometry and Fundamental Physics: Constructing the Spectrum of Space, Time and Matter
- 16.10-18.00 International Research Training Group „Stochastic Models of Complex Processes“ (IRTG SMCP)
Jochen Blath: Presentation of the IRTG SMCP
Claudia Hein (BMS Phase II Student):
Power Variation of Stable Lévy Processes and Application to Paleoclimatic Data
- 18.00 Reception

Tuesday, February 16

- 9.30 WhatIs-Seminar: What is...Curvature? – Carla Cederbaum (BMS Phase II Student, MPI)
- 10.00-10.50 Günter M. Ziegler (TU Berlin): Colorful Partition for Points in the Plane
- 11.10-12.00 John Head (IMPRS for Geometric Analysis, Gravitation and String Theory - BMS Phase II Student):
Mean Curvature Flow with Surgery
- 12.00-13.00 Peter Deuffhard (Zuse Institute Berlin):
The Smile of Mathematics - Mathematical Modelling and Simulation in Facial Surgery
- 13.00-15.00 Discussion with Students and Applicants of the BMS / Lunch Break

