

Achter Karlsruher Weihnachtsworkshop zur Geometrie und Zahlentheorie

December 13 to 16, 2010

Program

Monday, December 13

- 9:00 Reception Tea in the Allianz building, room 5C-01.1
- 9:30 – 10:30 Bernhard Köck (Southampton) *Quadratic differentials and equivariant deformation theory of curves*
- 11:00 – 12:00 Sebastian Gensburg (Karlsruhe) *Virtual boundaries of higher rank graph-spaces*
- L u n c h b r e a k
- 14:00 – 15:00 Thomas Delzant (Strasbourg) *Kähler groups, real hyperbolic spaces and the Cremona group*
- 15:15 – 16:15 Pierre-Emmanuel Caprace (Louvain) *Simple locally compact groups and branching*
- 16:45 – 17:45 Sebastian Hensel (Bonn) *The extrinsic geometry of the handlebody group*

Tuesday, December 14

- 09:30 – 10:30 Leila Schneps (Paris) *Survey of the Theory of Multiple Zeta Values*
- 11:00 – 12:00 Florian Nisbach (Karlsruhe) *Galois Orbits of Dessins and Origamis*
- L u n c h b r e a k
- 14:00 – 15:00 Otmar Venjakob (Heidelberg) *SK₁ of Iwasawa algebras*
- 15:15 – 16:15 André Kappes (Karlsruhe) *tba*
- 16:45 – 17:45 Martin Möller (Frankfurt) *Non-varying sums of Lyapunov-Exponents*
- from 19:00 **Weihnachtsfeier in room 5C-01.1 (Allianz building)**

Wednesday, December 15

9:30 – 10:30 Oliver Baues *Riemannian manifolds with large symmetry*

11:00 – 12:00 Alessandra Iozzi (Zürich) *Rotation numbers, old and new*

L u n c h b r e a k

14:00 – 15:00 Ernst-Ulrich Gekeler (Saarbrücken) *Random elliptic curves*

S p a z i e r g a n g / B e s i c h t i g u n g

Thursday, December 16

9:30 – 10:30 Martin Lustig (Marseille) *Folding lines in Outer space determine the dual lamination of their limit \mathbb{R} -tree*

11:00 – 12:00 Wilderich Tuschmann (Karlsruhe) *Curvature vs. Curvature Operator*

L u n c h b r e a k

14:00 – 15:00 Kai-Uwe Bux (Bielefeld) *Reduction theory in positive characteristic*

All talks will take place in **Seminarraum 1C-03** in the Allianzgebäude am Kronenplatz (building 05-20). Address: Allianzgebäude, Kaiserstraße 89-93, 76133 Karlsruhe

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