

Program of the Mathematische Arbeitstagung 2009

Fri, 05 Jun 2009

- 15:30 - 16:15 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
W. BALLMANN (MPI FOR MATHEMATICS)
Opening and Program Discussion (I)
- 17:00 - 18:00 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
M. KONTSEVICH (IHES)
Symplectic geometry of homological algebra
- 20:00 - 23:30 *Rector's Party*

Sat, 06 Jun 2009

- 10:15 - 11:15 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
A. KLEMM (UNI BONN)
Dualities and symmetries in string theory
- 12:00 - 13:00 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
W. ZILLER (U PENN)
Manifolds of Positive Curvature

Sun, 07 Jun 2009

- 10:15 - 10:30 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
N.N.
Program Discussion (II)
- 10:30 - 11:30 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
P. TEICHNER (MPIM / UC BERKELEY)
The Kervaire Invariant One Problem (after Hill, Hopkins and Ravenel)
- 12:00 - 13:00 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
F. OORT (UNIV. UTRECHT)
Hecke Orbits
- 17:00 - 18:00 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
G. HARDER (MPIM)
The Fundamental Lemma

Mon, 08 Jun 2009

- 10:15 - 11:15 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
N. A'CAMPO (UNIV. BASEL)
Tête-à-Tête twists and geometric monodromy
- 12:00 - 19:00 *Boat Trip*

Tue, 09 Jun 2009

- 10:15 - 10:30 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
N.N.
Program Discussion (III)
- 10:30 - 11:30 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
A. MELLIT (MPIM)
Elliptic dilogarithms and parallel lines
- 12:00 - 13:00 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
W. KLINGENBERG (UNIV. DURHAM)
Holomorphic discs in the space of oriented lines via mean curvature flow and applications
- 17:00 - 18:00 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
W. MÜLLER (UNIV. BONN)
Analytic Torsion and Cohomology of hyperbolic 3-manifolds

Wed, 10 Jun 2009

- 10:15 - 11:15 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
D. LEBEDEV (ITEP)
From archimedean L-factors to Topological Field Theories
- 12:00 - 13:00 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
G. MIKHALKIN (UNIV. GENÈVE)
Tropical Geometry
- 17:00 - 18:00 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
T. KOBAYASHI (UNIV. TOKYO)
Discontinuous Groups on pseudo-Riemannian Spaces

Thu, 11 Jun 2009

- 10:15 - 11:15 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
M. BELOLIPETSKY (UNIV. DURHAM)
Counting Lattices
- 12:00 - 13:00 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
M. BOURDON (UNIV. LILLE 1 / MPIM)
Quasi-conformal geometry and word hyperbolic Coxeter groups
- 17:00 - 18:00 Former Mathematical Institute, Großer Hörsaal, Wegelerstr. 10
O. LORSCHIED (MPIM)
Geometry over the field with one element