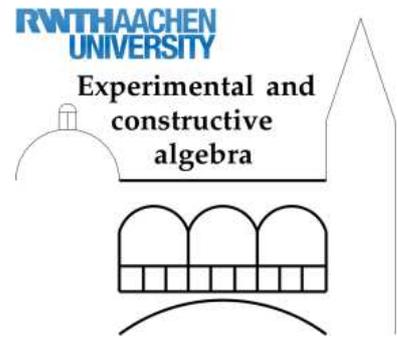


Graduiertenkolleg

Experimentelle und konstruktive Algebra



Vortrag

Freitag, 11. Januar 2013, 11:45 Uhr, Hörsaal kl. Phys.

NERO BUDUR (University of Notre Dame, Indiana, USA):
Computing singularity invariants

The complexity of singularities of a system of algebraic equations affects the topology, the geometry, and the arithmetic of the solution set of the system. Numerical measures for the complexity of singularities are thus important tools. In this talk we will give an overview of such singularity invariants, their effect on solution sets of algebraic systems of equations, and address the practical aspect of their computation. In particular, we will talk about log canonical thresholds, Milnor monodromy, and Bernstein-Sato polynomials.

Wir laden alle Interessierten herzlich ein.