



SFB Colloquium

TIME:

23 Jun 2009, 16:00 - 19:00

LOCATION:

Konrad-Zuse-Zentrum für Informationstechnik Berlin (ZIB)
Takustrasse 7
14195 Berlin-Dahlem

PROGRAM:

16:00 - 17:00 **Prof. Ivan Cheltsov (University of Edinburgh)**

Exceptional four-dimensional quotient singularities

Exceptional two-dimensional quotient singularities are singularities of type E_6 , E_7 and E_8 .

Exceptional three-dimensional quotient singularities have been classified by Yura Prokhorov and Dima Markushevich.

We classify exceptional four-dimensional quotient singularities. This is joint work with Kostya Shramov.

17:00 - 17:30 Coffee Break

17:30 - 18:30 **Dr. Marco Mazzucchelli (Pisa University)**

The Conley Conjecture for Lagrangian Systems

In this talk, I shall show how to apply critical point techniques in order to establish the existence of infinitely many periodic orbits for broad families of Lagrangian systems over closed configuration spaces. This confirms the Conley conjecture for these systems.

Contact:

Humboldt-Universität zu Berlin . Institut für Mathematik
SFB 647 . Unter den Linden 6 . 10099 Berlin
Tel. +49 30 2093 1804 . Fax. +49 30 2093 2727
sfb647@math.hu-berlin.de

www.raumzeitmaterie.de