



## Seminar des SFB 647

### ZEIT:

23.6.2009, 16:00 Uhr - 19:00 Uhr

### ORT:

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

### PROGRAMM:

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 Kaffeepause

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.

### Kontakt:

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