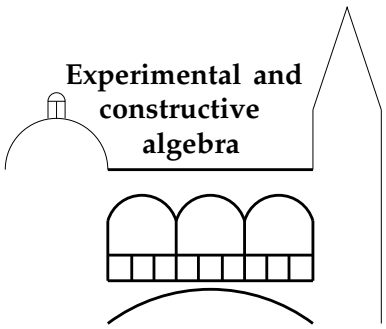
Graduiertenkolleg

Experimentelle und konstruktive Algebra



Kolloquiumsvortrag

Dienstag, 16. April 2019, 14:15 Uhr, Hörsaal III (Hauptgebäude Raum 1010|107)

Bart Van Steirteghem (FAU Erlangen-Nürnberg and City University of New York):

Momentum polytopes of projective spherical varieties

Spherical varieties are a natural generalization of toric varieties, where the acting torus is replaced by a general connected reductive group. They also include flag varieties and symmetric varieties. In this talk, I will explain how one can use their rich combinatorics to characterize the momentum polytopes of projective spherical varieties. I will also discuss an application to the Kählerizability problem for compact multiplicity free Hamiltonian manifolds. This is joint work with S. Cupit-Foutou and G. Pezzini.

Wir laden alle Interessierten herzlich ein.