Thematic Session

Session title: Real Algebraic Geometry, applications and related topics.

Organizers:

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Description of the topic:

Interactions between German and Polish mathematicians working in Real Algebraic / Analytic Geometry and new emerging topic like o-minimality, has already started in 70's. The goal of the session is to present some aspects of the intensive activity in this field, in particular: polynomial optimization and positive polynomials, convex algebraic geometry , singularities of polynomial maps, topology of algebraic sets, o-minimal geometry.

2011 Mathematic Subject Classification:

14P, 13J, 14J