universität wien

Fakultät für Mathematik

Antrittsvorlesung
Mathematisches Kolloquium

Mittwoch, 29. November 2023
Sky Lounge

EINLADUNG

Ailsa Keating
(Universität Wien)

„The symplectic topology of singularities "

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Abstract:

Given an isolated complex singularity, any smoothing (i.e. Milnor fibre) of it naturally carries a symplectic form. This leads to a rich interplay, first suggested by Arnol'd: one the one hand, ideas from singularity theory yield a wealth of interesting symplectic phenomena; and conversely, symplectic topology is a very fertile view-point from which to revisit and shed light on classical singularity theory. The talk will give a biased introduction to aspects of this circle of ideas, including some recent results. No prior knowledge of symplectic geometry (or singularity theory) will be assumed.

14.45 Uhr: Kaffeejause

15.15 Uhr: Vortrag

Kleines Buffet im Anschluss

Radu Ioan Boţ