RUB

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Oberseminar Dynamische Systeme

THIS TALK TAKES PLACE AS PART OF THE BACH SEMINAR

About symplectic fillings of real projective spaces

Dienstag, 26. Januar 2021
16:15 Uhr – per Zoom

Klaus Niederkrüger
(Lyon 1)

Abstract:

(Joint work with Paolo Ghiggini.) The standard contact structure of a real projective space is always strongly fillable, but it was shown by Eliashberg-Kim-Poltervich, that from dimension 5 on, they are not Weinstein fillable. I will explain a geometric argument that shows that every real projective space of dimension 4k+1 is not Liouville fillable.

Guests are very welcome!