

Joint IAS-PU Symplectic Geometry Seminar

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Contact Non-Squeezing and Rabinowitz Floer Homology

Peter Albers

Universitat Munster

Date & Time: Fri, 02/15/2013 - 13:30 - 14:30

Location: S-101

Video Link:

<http://video.ias.edu/jointiaspu/1213/0215-PeterAlbers>

We will present joint work with Will Merry. Using spectral invariants in Rabinowitz Floer homology we present an abstract contact non-squeezing theorem for periodic contact manifolds. We then exemplify this in concrete examples. Finally we explain connections to the existence of a biinvariant metric on contactomorphism groups. All this is connected and generalizes work by Eliashberg-Polterovich and Sandon.

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Thu, 01/03/2013 - 16:39

Thu, 01/31/2013 - 14:53

terms:

- [School of Mathematics](#)