

Alberto Abbondandolo, Barney Bramham
Gerhard Knieper, Stefan Suhr, Kai Zehmisch

Oberseminar Dynamische Systeme

THIS TALK TAKES PLACE AS PART OF THE BACH SEMINAR

Spinal Open Book Decompositions

Dienstag, 1. Dezember 2020
16:15 Uhr – per Zoom

Samuel Lisi
(Oxford, USA)

Abstract:

In work with Jeremy Van Horn-Morris and Chris Wendl, we have introduced the notion of a spinal open book decomposition for contact manifolds in dimension 3. This can be thought of as a generalization of an open book decomposition. The main purpose is to describe a large class of contact manifolds as supported by planar (but spinal) open books. By use of J-holomorphic curve techniques, we are then able to classify symplectic fillings.

Guests are very welcome!