

**Title:** On the topology of integrable Reeb flows

**Abstract:** *The theme of this talk is the interplay between topology and dynamics. Flows with certain geometric properties impose topological restrictions; conversely, topological structure theorems allow one to construct flows with desired properties. I shall exemplify this in the context of Bott integrable Reeb flows on 3-manifolds, with a special emphasis on open book decompositions.*

This talk is based on joint work with Jakob Heddicke and Murat Sa\u{g}lam.