

# Contact handle attachments and Reeb dynamics

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## **Abstract**

In this talk, I will explain how to perform handle attachments on the boundary of a manifold equipped with a contact structure. I will describe the effect of these operations on the periodic orbits of vector fields associated to the contact structure and called Reeb vector fields. This represents the first step toward understanding the effect of contact handle attachment on contact invariants. This is a joint work in progress with Frédéric Bourgeois.