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Mean Euler characteristic and contact open books

ABSTRACT: An (abstract) contact open book can be constructed with a given compact Weinstein manifold W with boundary and a compactly supported symplectomorphism (monodromy) on W. In this talk, I will describe certain open books for certain contact manifolds, and use the mean Euler characteristic to distinguish the monodromies. This is based on a joint work in progress with F. Ding and O. van Koert.