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Transverse links that force chaos

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We exhibit examples of closed contact 3-manifolds and transverse isotopy classes of links on them with the following two properties:

- 1) These contact manifolds carry Reeb flows with zero topological entropy;
- 2) If a defining contact form realizes links in these classes as periodic Reeb orbits then the Reeb flow has positive topological entropy.

In particular, we generalize a result of Denvir-Mackay to the Finsler case and also to more general contexts. This is joint work with Marcelo Alves and Pedro Salomão.