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Tubular excision and Steklov eigenvalues

In this talk, I will present a new result concerning the asymptotic behaviour of Steklov eigenvalues for a family of domains obtained by performing small tubular excision around a closed connected submanifold. This submanifold, of positive codimension, is taken in a closed manifold. I will present some applications of this result to isoperimetric type problems and I will give the main ideas behind the proof.