FRÉDÉRIC ROCHON, Université du Québec à Montréal
Vanishing in L^2-cohomology for some singular 3-Sasakian manifolds

After explaining what are 3-Sasakian manifolds and what type of singularities will be allowed, I will present a vanishing theorem in L^2-cohomology focusing on analytical aspects, notably about choices of self-adjoint extensions. This is a joint work with Panagiotis Dimakis.