On the fractional Yamabe problem

Martin Mayer[1]

Abstract

The purpose of this talk is to present a solution to the fractional Yamabe problem for Poincaré-Einstein manifolds with locally flat and umbilic conformal infinity via the Bahri-Coron existence argument, which has been successfully applied to various critical equations, whenever the problem under consideration becomes global in nature.

---

[1]Joint work with Cheikh B. Ndiaye