

- **Cecchini, Simone: Enlargeable metrics on nonspin manifolds (SR 0)**

A well-known result of Gromov and Lawson states that an enlargeable spin manifold cannot carry a complete metric of positive scalar curvature. We extend this result to the case when the manifold is not spin and the metric is not necessarily complete by using the minimal hypersurface technique. When the manifold has dimension greater than eight, we use the main result of the recent paper by Schoen and Yau that extends the minimal hypersurfaces method to arbitrary dimensions. This is joint work with Thomas Schick.