

# The General Positive Energy Theorem

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## **Abstract**

In this talk we describe our recent joint work with U. Christ: The positive energy theorem and more generally the obstruction theory for positive scalar curvature relies on two techniques: Spin Geometry and Minimal Hypersurface Techniques. While the first one works only for spin manifolds, the second one was previously restricted to dimensions smaller 8. We describe how to overcome this dimensional restriction.