

- **Hannes, Sebastian: Boundary value problems for the Lorentzian Dirac operator (203)**

The Dirac operator of a globally hyperbolic spin manifold with compact, spacelike Cauchy hypersurface is known to be Fredholm under APS boundary conditions. In this talk I want to discuss a more general class of boundary conditions for the Dirac operator and explain how to reproduce results on regularity and Fredholm property in certain cases.