

Graduiertenkolleg

# Experimentelle und konstruktive Algebra



## Vortrag

Dienstag, 23. September 2014, 11:00 Uhr, Seminarraum Lehrstuhl A für Mathematik, Hauptgebäude Raum 248

**MARIANO CADONI (UNIVERSITA DEGLI STUDI DI CAGLIARI, CAGLIARI, ITALIEN):**  
***Travelling waves and representations of the Lorentz group in theories with several speeds of light***

We discuss the Lorentz symmetry of two-dimensional field theories containing several speeds of light. Travelling waves solutions of the theory are discussed and it is shown that they can be organized as reducible representation of the Lorentz group. Analogously to non compatible observables in quantum mechanics, different choices of the basis in the representation space corresponds to different physical situations.

Wir laden alle Interessierten herzlich ein.