

# Gamma model - bosonization and gauge theory interpretation

*Friday, 7 August 2020 17:20 (20 minutes)*

This talk is about a bosonization procedure based on Clifford algebra-valued degrees of freedom, valid for spaces of any dimension. Its interpretation in terms of lattice  $\mathbb{Z}_2$  gauge theory will be presented. Brief comparison with other bosonization proposals will be given.

**Primary author:** RUBA (\*), Blazej (Jagiellonian University in Cracow)

**Co-authors:** BOCHNIAK, Arkadiusz; WOSIEK, Jacek; WYRZYKOWSKI, Adam

**Presenter:** RUBA (\*), Blazej (Jagiellonian University in Cracow)

**Session Classification:** Theoretical Developments

**Track Classification:** Theoretical Developments