

The Field Theory of the "World Line"

Thursday 23 September 2021 16:45 (30 minutes)

I will describe an attempt to classify classical field theories that arise from (quotients of) graded super Lie algebras, which may, but need not necessarily originate from the BRST quantisation of the world line. The role of the representation space, usually identified with perturbative excitations, is merely to identify a suitable reduction of the algebra or, to define trace on the latter if one seeks an action functional.

Presenter: SACHS, Ivo