



Contribution ID: 261

Type: **Poster**

Effective Actions with the First Order Form of Gauge Theories

Saturday 6 August 2016 18:00 (2 hours)

The first order form of the Einstein-Hilbert action is shown to reduce the number of vertices needed to compute Feynman diagrams to just three three-point ones; in addition there are two propagating fields. This simplified set of Feynman rules can be used to derive the same results as the usual second order form of the Einstein-Hilbert action. We also consider the contributions to the effective action of the graviton in a thermal background.

Author: BRANDT, Fernando (Universidade de São Paulo)

Co-authors: Prof. MCKEON, Dennis (University of Western Ontario, Canadá); Prof. FRENKEL, Josif (Universidade de São Paulo)

Presenter: BRANDT, Fernando (Universidade de São Paulo)

Session Classification: Poster Session

Track Classification: Formal Theory Developments