



Contribution ID: 288

Type: Talk

Energy-momentum tensor on the lattice and Wilson flow

Thursday, 26 June 2014 14:55 (20 minutes)

The energy-momentum tensor in lattice gauge theories requires renormalization because of the breaking of Poincaré group. The Wilson flow can be used in principle to set up non-perturbative, well-defined and, possibly, practically convenient strategies to define a properly renormalized energy momentum tensor. I will present some preliminary data in this direction.

Primary authors: Dr PATELLA, Agostino (CERN and Plymouth University); Dr RAGO, Antonio (Plymouth University); Prof. DEL DEBBIO, Luigi (Edinburgh University)

Presenter: Dr PATELLA, Agostino (CERN and Plymouth University)

Session Classification: Theoretical Developments

Track Classification: Theoretical Developments