



Contribution ID: 7

Type: **Talk**

## Prepotential Formulation of Lattice Gauge theories

*Wednesday, 25 June 2014 09:00 (20 minutes)*

Within the Hamiltonian formulation of Lattice gauge theories, prepotentials, belonging to the fundamental representation of the gauge group and defined locally at each site of the lattice, enables us to construct local loop operators and loop states. Within this prepotential approach one gets mass gap analytically in some approximations in the weak coupling limit of the theory.

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**Session Classification:** Theoretical Developments

**Track Classification:** Theoretical Developments