

Open Talk

17th July, 2019

3:00 PM

Fermion Hall

SPEAKER

Prof. Ramesh Anishetty
Emeritus Professor, IMSc., Chennai

TITLE OF THE TALK

"Solutions of Non-Abelian Gauss Law on Lattice and Mass Gap"

ABSTRACT

An explicit solution of non-Abelian Gauge law on lattice is constructed for SU(2) in any dimension. Physical Hilbert space of closed Abelian electric flux loops is explicitly defined. We shall discuss highlights of this construction and define the continuum using the mass gap of the lattice system in (2+1) dimensions.

HOST FACULTY

Professor Manu Mathur
Department of Theoretical Sciences
S. N. Bose National Centre for Basic Sciences