PHENIICS Doctoral School Days



ID de Contribution: 110 Type: Poster

Nature of quantum correlations in many body systems

mardi 10 mai 2016 10:15 (20 minutes)

Since the 50's the importance of quantum correlations to describe matter has been understood, first in atomic systems by Cooper and Froehlich and extended to Nuclei by Mott and Pines through an intuitive 'pair' models. In a first part i'll discuss a modern interpretation of this phenomena and some applications. In a second part I'll focus on more general type of correlations and possible impact on nuclear structure. I'll then conclude by short insight of the localization properties of correlated structures.

Auteur principal: M. LASSERI, Raphaël-David (IPNO)

Orateur: M. LASSERI, Raphaël-David (IPNO)

Classification de Session: Poster session

Classification de thématique: Nuclear Physics