



School of Nano Science



IPM Condensed Matter &
Statistical Physics Group

Weekly Seminar

Second Quantum Revolution and Role of Quantum Correlation

Invited Speaker:

Dr. Sahar Alipour

School of nano science, IPM

Abstract:

Recent theoretical and technological advances in quantum information science have prompted the "second quantum revolution" in the 21st century. One of the key players in forming this revolution is "quantum correlations". In this presentation, I shall focus on the unique role of quantum correlations in development and renewing our understanding of various areas of physics, especially quantum sensing, quantum thermodynamics, and quantum imaging.

Wednesday, Aban 19th, 1395 (November 9th, 2016), 14:00-15:00
Farmaniyeh seminar room