

QuantuMalta Seminars

Speaker: Claudio Sanavio - University of Malta

Title: Topological Phase Transitions

Date: 24 October 2018

Time: 12:00

Venue MP112

Abstract:

In the last 30 years a completely new class of critical phenomena have been studied. These new kind of phase transitions cannot be analyzed with the usual Landau theory but with properties emerging from the topology of the system. In this talk we will review the concept of topological insulators in 2 dimensions and the recent applications in quantum optics.