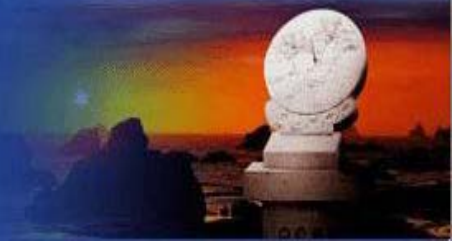




復旦大學

Fudan University



復旦大學物理系物質科學報告

Physics Department Colloquium

A topological world: From topological phases of quantum matter to the origin of elementary particles

Prof. Zhengcheng Gu

Chinese University of Hong Kong

In this talk, I will give an introduction for topological phases of quantum matter. In particular, I will describe the mathematical foundation of topological phases of quantum and their corresponding classification schemes. If time permits, I will mention our recent progress on fermionic topologic phases of quantum matter in 3+1D as well as a potential new understanding for the origin of elementary particles.

Time: 3:30pm, Friday, December 9, 2016

Location: Physics Building, Room 221B

(Cookies and coffee are served from 3:00 pm)