



清华大学高等研究院

Institute for Advanced Study, Tsinghua University

物理学学术报告 Physics Seminars (biweekly)

Title: Two-dimensional Materials Beyond Graphene

Speaker: Prof. Yuanbo Zhang (*Fudan University*)

Time: 3:15pm, Wednesday, April 9, 2014
(2:45~3:15pm, Tea, Coffee, and Cookie)

Venue: Conference Hall 322, Science Building, Tsinghua University

Abstract

Two-dimensional crystals have emerged as a new class of materials that may impact future science and technology. Graphene is one of the few examples that show great potential. In this talk, I will first discuss the physics and material aspect of graphene.

Drawing from our experiences in graphene study, I will then discuss other 2D materials, including black phosphorus thin film – a new material with excellent semiconductor properties.