



Special Seminar

Geometric effects on orbital magnetism

牛谦 教授

德克萨斯大学奥斯汀分校

北京大学量子材料科学中心



Time: 10:00am, Dec. 20, 2018 (Thursday)

时间: 2018年12月20日 (周四) 上午10:00

Venue: Room W563, Physics building, Peking University

地点: 北京大学物理楼, 西563会议室

Abstract

Orbital magnetism is key for electrical and optical control of magnetic properties, and spin magnetism is also of orbital nature on the fundamental level.

In this talk, I will present an intuitive semiclassical theory of orbital magnetism, and show how geometric and topological effects play their roles in magnetization, susceptibility, and Landau level quantization.

About the speaker

牛谦教授, 著名理论物理学家。