



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:** Simple physics of Anderson localization:
generalities and applications
- Speaker:** Prof. Yu. Bliokh
(*Department of Physics, Technion-Israel Institute of Technology*)
&
Prof. V. Freilikher
(*Department of Physics, University of Bar-Ilan, Israel*)
- Time:** 3:15pm, Wednesday, Oct. 23, 2013
(2:45~3:15pm, Tea, Coffee, and Cookie)
- Venue:** Conference Hall 322, Science Building, Tsinghua University

Abstract

The talk is a brief introduction into the physics of strong Anderson localization of waves. We will present the main methods and results of the theoretical and experimental studies of wave propagation in one-dimensional disordered systems. The emphasis will be put on the description, detection and potential applications of the disorder-induced resonances.