

凝縮系物理学ゼミナール

Condensed Matter Theory Seminar

Location: Room 413, School of Science Bldg. 5 (理学 5 号館 413 号室)

Time and date: 13:30 – 15:00, Wednesday, 22 April 2015

Topological superconductors: **Fate of Majorana fermions** **after a quantum quench**

Speaker: Prof. Pedro D. Sacramento

(CeFEMA-IST, Univ. de Lisboa)

Abstract:

The stability and robustness of Majorana modes at the edge of a topological superconductor are studied following a sudden or slow quantum quench, as well as their emergence in the presence of a periodic external perturbation.