

NCTS Special Colloquium

2:30-3:30 pm

January 11, 2016

Lecture room A of NCTS

4F, 3rd General Building, NTHU

Prof. Ling-Yan Hung

Center for Quantum Control

Department of Physics

Fudan University

NMR simulation of topological phases

We will talk about recent progress in NMR technologies simulating topological phases. We will describe how states are prepared, how they are evolved in time and various tricks that we can play with it, including measurements of topological properties such as modular matrices, and thus potentially applied for identifying phases of matter in future simulations.

