

# Tutorials

CSRC Conference Room I, F1 | October 31 – November 1, 2016

## **Monday, October 31, 2016**

14:00~14:45, *Manipulating and Scaling Up Quantum States in Single Quantum Dots*  
Xiu-Lai Xu, Institute of Physics, CAS

14:45~15:30, *Introduction to Spin Coherence and Decoherence – Part 1*  
Wen Yang, Beijing CSRC

15:30~16:00, *Break*

16:00~16:45, *Introduction to Spin Coherence and Decoherence – Part 2*  
Wen Yang, Beijing CSRC

16:45~17:30, *Free Discussions*

17:30~18:30, *Dinner (Canteen, B1 Floor)*

## **Tuesday, November 1, 2016**

09:00~10:30, *Introduction to Topological Quantum Materials*  
Shun-Qing Shen, The University of Hong Kong

10:30~11:00, *Break*

11:00~11:45, *Spin Hall Phenomenology of Magnetic Dynamics*  
Yaroslav Tserkovnyak, University of California, Los Angeles, USA

11:45~14:00, *Lunch and Break*

14:00~15:30, *Majorana Fermions in Solid State*  
Hong-Qi Xu, Peking University & Lund University

15:30~16:15, *The Coherence of a Spin Coupled to Environments: Stochastic Schrödinger Equation*  
Jian-Qiang You, Beijing CSRC

16:15~17:00, *Free Discussions*

17:00~18:30, *Dinner (Canteen, B1 Floor)*