## Weekly Seminar

# Probing magnetic and electronic excitations with resonant inelastic X-ray scattering

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**IOP, CAS**

**Time**: 4:00 pm, Nov. 6th, 2013 (Wednesday)
2013 11 6 4:00
**Venue**: Conference Room A (607), No. 5 Science Building
607

## Abstract

Experimental techniques which probe the excitations have been essential for material study. Different from the conventionally used neutron inelastic scattering and Raman spectroscopy, resonant inelastic X-ray scattering (RIXS) is a very recently developed ,

## About the Speaker

After graduated from the University of Science and Technology of China, Xuerong Liu obtained his Ph.D. from the University of California, San Diego in 2009. He then worked as a post-doc in the X-ray scattering group at Brookhaven National Laboratory, U.S.A. In 2012, he continued to work in the same group as a visiting scientist, supported by Young International Scientist Scholarship from IOP, CAS, China. In 2013, he joined IOP, CAS, China as an associated professor under the CAS Hundred Talented Plan. His research has been focused on developing and applying the resonant inelastic X-ray scattering (RIXS) technique to study the electronic and magnetic dynamics in transition metal oxides.