

The 63<sup>rd</sup>

# ICYS *Special Seminar*



**Dr. Peng Wang**

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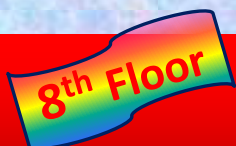


**Title: Energy Filtered Scanning Confocal Electron Microscopy**

The current experimental implementations of an energy filtered scanning confocal electron microscope (EFSCEM) using a microscope fitted with two spherical aberration correctors will be reported, a method for establishing EFSCEM electron trajectories will be described and by collecting inelastically scattered electrons with a characteristic energy-loss we show that three-dimensional chemical mapping at the nanoscale can be performed.

**Chair: Dr. Takeguchi, Advanced Nano Characterization Center, NIMS**

**Venue:**



**Room #811, Central bldg., SENGEN Site**

**Date: February 1<sup>st</sup>, Monday Time: 2:00-2:45 pm**

Contact: International Center for Young Scientists (ICYS), Nakajima (ext 6075)