



**TIFR Centre for Interdisciplinary Sciences,
Narsingi, Hyderabad 500075**

Seminar

**Probing ultrafast coherent dynamics by incoherent
fluorescence detection: Towards a spatiotemporal approach**

Arijit Kumar De

Dept of Chemistry, University of California Berkeley

The remarkable photosynthetic light harvesting efficiency has motivated researchers to study the microscopic origin of energy transfer dynamics in isolated pigment-protein complex. Two-dimensional coherent spectroscopy (2D-CS) does not provide the required sensitivity but two-dimensional fluorescence-detected coherent spectroscopy (2D-FDCS) does. In this talk, comparing different aspects of 2D-CS and 2D-FDCS, a novel approach of 2D-FDCS will be discussed.

Tuesday, Mar 25th 2014

11:30 AM (Tea/Coffee at 11:15 AM)

Seminar Hall, TCIS