# The Fifteenth iCeMS

# SEMINAR

## Functional Nano/Meso Clusters

9:00: **John F. Hancock**
University of Texas Health Science Center at Houston
**Ras membrane interactions: new insights into nanoclustering**

9:45: **Khuloud Jaqaman**
Scripps Research Institute
**Stochastic models of yeast kinetochore-microtubule interactions**

10:10: **Antoine Triller**
Ecole Normale Supérieure
**Understanding synaptic plasticity at the single-molecule level**

Coffee and Snack

11:15: **Ken P. Ritchie**
Purdue University
**Using protein diffusion to probe membrane integrity in mutant red blood cells**

11:40: **Mark T. Swihart**
University at Buffalo, The State University of New York
**Silicon Nanocrystals: From Microelectronics Contaminants to in vivo Imaging Agents**

12:25: **Dai-Wen Pang**
Wuhan University
**Living yeast cells as a controllable biosynthesizer for fluorescent quantum dots**

Date & Time: **January 30, 2009, 9:00-13:10**
Refreshments will be served from 8:45.
Coffee and Snack will be served at 10:55.

Venue: **Roof Terrace**
Institute for Frontier Medical Sciences, 5F of the East Building

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**Held by: iCeMS (Institute for Integrated Cell-Material Sciences), Kyoto University**
**The Institute for Frontier Medical Sciences, Kyoto University**
**Membrane Mechanisms Project, ICOPR-JST**