

IEEE NANOMED Workshop in University of Macau

Venue: HG01

Time: 08:30 - 18:00, 9 December 2010

Workshop Chair: Yangmin Li, Ph.D., Professor, University of Macau

1. Dong Sun, Professor, City University of Hong Kong, Hong Kong
Topic: Robotics manipulation of stem cells for biomechanical characterization
2. Wen J. Li, Professor, Chinese University of Hong Kong, Hong Kong
Topic: Towards Digital-Force-Field-Assisted Endocytosis of Fluorescent Nanoparticles
3. Donna Wang, Professor, Michigan State University, USA
Topic: Counter regulatory mechanisms in Hypertension: a TRP to find hope?
4. Chanmin Su, Ph.D., Bruker Nano, Inc., USA
Topic: In-Vitro Quantitative Mechanical Mapping of Biomolecules and Cells by Atomic Force Microscope
5. Jin-Woo Kim, Associate Professor, University of Arkansas, USA
Topic: Nanoparticles and Self-Assembled Nanocomposites for Biomedical Sensing and Therapy
6. Vladimir P. Zharov, Professor, University of Arkansas, USA
Topic: Nanotechnology for Cancer Therapy
7. Feng Gao, Professor, Shanghai Jiaotong University, China
Topic: Design of Nano and Micro Parallel Manipulators
8. Lianqing Liu, Associate Professor, Chinese Academy of Science, China
Topic: Using Nanorobot to Study the Molecular Mechanism of Clinical Difference in Lymphoma Targeting Therapy
9. Ye Fang, Ph.D., Senior Research Manager, Corning Incorporated, USA
Topic: Label-free Optical Biosensors for Drug Discovery: Past, Present and Future
10. Lixin Dong, Assistant Professor, Michigan State University, USA
Topic: Towards Molecule Detection and Injection by Nanoplumbing