

3M-NANO 2011 Pre-Conference Workshop

Invited Reports Program

Monday, 29 August 2011

Location: Huayuan Hotel, 2F

Time	Topic	Speaker
9:00—9:30	Nanorobotic Manipulation as Enabling Technology for Nanosystems	Lixin Dong
9:30—10:00	Robotic Micromanipulation for Packaging of 3D Micro-electronics and Nanosystems	Michaël Gauthier
10:00—10:30	Manipulation, Measurement and Application on an Individual 1D Nanomaterial	Changzhi Gu
10:30 - 11:00	Formation of Sub-wavelength Periodic Surface Structure and Coloring of Metal by Use of Femtosecond Laser Pulse	Jingquan Lin
11:00 - 11:30	Compound Antimonides Semiconductor Materials for MIR Lasers Application	Guojun Liu
11:30 - 12:00	The Manufacturing of Atomic Smooth Surfaces	Jianbin Luo
12:00 - 13:00	Lunch	
13:00 - 13:30	Friction-induced Nanofabrication	Linmao Qian
13:30 - 14:00	From Nano Bumps to Vertical U-shape Three-dimensional Gold Nanoring and Toroidal Metamaterials in Optical Region	Din Ping Tsai
14:00 - 14:30	From Thin Films to Nanowires: Atomic Layer Deposition, Vapor-Liquid-Solid Mechanism, and Chemical Vapor Deposition	Ivo Utke
14:30 - 15:00	Maskless Fabrication of Micro/Nano Structures for Solar Cell Applications	Haixia Zhang
15:20 - 16:10	Presentation of EU FP7 IRSES Program	Michela Tomasella
16:10 - 17:00	Presentation of NSFC International Cooperation Program	Guobiao Wang