

March 20 (Thu) - 21 (Fri), 2014 at VBL Hall (3F, VBL) Nagoya University

THE 2ND NU-UM Nagoya University FACULTY WORKSHOP ON ENGINEERING

(Thu) 9:30-10:15 Prof. Jay Guo, UM "Optical Resonators and Applications in Solar Cells, Displays and Acoustic Sensors" 10:15-11:00 Prof. Yang Ju, NU "Fabrication of 3D Metal Oxide Nano Architectures Based on Oxidation Extension Method" 11:00-11:45 Prof. Xudong Fan, UM "Optofluidic Bio-Lasers: Bridging Photonics, Nanotechnology, and Biology" 11:45-12:30 Prof. Kenji Fukuzawa, NU "Force Measurement and Visualization of Sheared Molecularly Thin Lubricant" 12:30-14:00 Lunch meeting: Greeting by Prof. Yushu Matsushita, Dean, Dept. Engineering, NU 14:00-15:30 Lab tour 15:30-16:00 Meetup with prospective visiting graduate students of NU March 9:00- 9:45 Prof. Katsuo Kurabayashi, UM "Emerging Hybrid Microsystems Integrating Biomaterials and Polymers" 9:45-10:30 Prof. Hiroyuki Kousaka, NU "Surface Manufacturing Employing the Novel Characteristics of Microwave Plasma Generation Toward Idustrial Applications" 10:30-11:15 Prof. Jianping Fu, UM "Synthetic Micromechanical Tools for Mechanobiology and Stem Cell Culture" 11:15-12:00 Prof. Hisataka Maruyama, NU "Micro and Nanorobotics for Biomedical Applications" 12:00-13:00 Reception at VBL Hall 13:30-14:15 Prof. Allen Liu, UM "Mechanobiology of Membrane: from Endocytosis to Artificial Cells" 14:15-15:00 Prof. Masahiro Nakajima, NU "Micro-Nanomanipulation of C. Elegans Using Micro-Nanotools" Adjournment		20 (Thu)	9:20- 9:30	Opening address and introduction of JUACEP: Prof. Yang Ju
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Organized by JUACEP (Japan-US Advanced Collaborative Education Program)