

The 16th JUACEP Workshop

--- 2015 Medium-term Course at University of Michigan and UCLA---

Date & Time: Thursday, 4th February, 2016 14:00~

Place: Lecture Room 241 (4th floor, Eng. Bldg. 2-South)

Timetable:

Time	Name (Affiliation at NU)	Presentation title	US Advisor
14:00	Opening address by JUACEP Leader		
14:10	Takamichi Suhara (Usami Lab., Materials, Physics and Energy Engineering)	Electrical Transport Properties of Undoped BaSi ₂ Evaporated Thin Films	Prof. Kang Wang (Electrical Engineering, UCLA)
14:25	Masaki Sato (Kobashi Lab., Materials, Physics and Energy Engineering)	Growth and Characterization of Single-Crystalline Zr(0002)/Al ₂ O ₃ (0001) and ZrC(111)/Al ₂ O ₃ (0001) Thin Films	Prof. Suneel Kodambaka (Materials Science and Engineering, UCLA)
14:40	Takahiro Hatano (Ju Lab., Mechanical Science and Engineering)	Micro/Nano Sensing on Diamond Tip Using Microwave	Prof. Xiaochun Li (Mechanical and Aerospace Engineering, UCLA)
14:55	Michihiro Kanie (Hata Lab., Micro-Nano Systems Engineering)	3D-Printing of Porous and Solid Silicone Structure	Prof. Albert Shih (Biomedical Engineering, U. Michigan)
15:10	Yusuke Kasai (Arai Lab., Micro-Nano Systems Engineering)	Duration of Trapped Air in Single Trench under Turbulent Flow	Prof. C-J. Kim (Mechanical and Aerospace Engineering, UCLA)
15:25	Break		
15:40	Ryo Yamaguchi (Umehara Lab., Mechanical Science and Engineering)	Physical Aging of Star-Shaped Polymer Nanocomposites	Prof. Peter Green (Materials Science and Engineering, U. Michigan)
15:55	Hiroto Izuoka (Umehara Lab., Mechanical Science and Engineering)	Nanofluidic Surface Enhanced Raman Scattering Detectors for Gas Sensing	Prof. Xiaogan Liang (Mechanical Engineering, U. Michigan)
16:10	Taichi Nakao (Umehara Lab., Mechanical Science and Engineering)	Chemical Vapor Deposition of MoS ₂ Monolayers and Gr/MoS ₂ Bilayers	Prof. Suneel Kodambaka (Materials Science and Engineering, UCLA)
16:25	Takamasa Horibe (Yoshikawa Lab., Aerospace Engineering)	Haptic Device with Series Elastic Actuator	Prof. Brent Gillespie (Mechanical Engineering, U. Michigan)
16:40	Shogo Okishio (Nagano Lab., Aerospace Engineering)	Property Review and Thermal Conductivity Measurement on Lunar Regolith and Regolith Simulant	Prof. Laurent Pilon (Mechanical and Aerospace Engineering, UCLA)
16:55	Kiichi Okuno (Umehara Lab., Mechanical Science and Engineering)	Vibration-Based Identification of Interphase Properties of Fiber Reinforced Plastics	Prof. Bogdan Epureanu (Mechanical Engineering, U. Michigan)
17:10	Completion Ceremony Adjournment		

*10 mins. presentation + 4 mins. Q&A each