The 17th JUACEP Workshop

for the summer research course students from University of Michigan and UCLA

Date: Friday, August 26, 2016

Venue: NIC Conference Room (3rd floor, NIC)

14:30   Opening
Address from Dean, Prof. Niimi

14:35   Presentations by 9 students
(10 min. talk + 5 min. Q&A each)

17:00   Completion Ceremony

17:30   Farewell Banquet

Nagoya university
JUACEP

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名古屋大学
NAGOYA UNIVERSITY

Presentation timetable

14:35 - 14:50 (1) Chen-Hsi HUANG, *Okazaki Lab, Applied Chemistry*
"Free energy analysis of biomolecular self-assembly"

14:50 - 15:05 (2) Matthew YEE, *Ohno Lab, Electrical Engineering*
"Carbon nanotube thin film transistors on flexible plastic films"

15:05 - 15:20 (3) Itsui YAMAYOSHI, *Suzuki Lab, Mechanical Science and Engineering*
"Path tracking using LIDAR localization and mapping"

15:20 - 15:35 (4) Chih-Kang CHANG, *Hasegawa Lab, Micro-Nano Systems Engineering*
"Intuitive user interface for surgical tool operation"

15:35 - 15:50 (5) Carlos GAMEZ, *Ju Lab, Mechanical Science and Engineering*
"Temperature dependent thermal-electrical-structural finite element analysis around crack tip under high current density electropulsing"

15:50 - 16:00 Break

16:00 - 16:15 (6) Sandeep INGERSAL, *Shamoto Lab, Mechanical Science and Engineering*
"Study and control of chatter vibrations in milling operation"

16:15 - 16:30 (7) Raymond ROMAN, *Sakai Lab, Mechanical Science and Engineering*
"Stent placement in aneurysms; how stents affect flow, and how relate to the aneurysm rupturing"

16:30 - 16:45 (8) Xiaojin SHEN, *Enokida Lab, Quantum Science and Energy Engineering*
"The CFD calculation using ANSYS fluent for the influence of the actual behavior of the molten glass at 1200 degrees C with or without solid particles"

16:45 - 17:00 (9) Bonan ZHOU, *Hara Lab, Aerospace Engineering*
"Nonlinear control and application"

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