

# Quantum Engineering Design Short-Term Research

## Exchange Program

Osaka University

### FINAL PRESENTATION

March 23<sup>rd</sup> 2012

#### PROGRAM

|               |  |
|---------------|--|
| 13:30 – 13:40 | <i>Opening Remarks</i>   |
| 13:40 – 14:20 | <b>Prof. Hideaki Kasai</b><br><i>“Theoretical Modeling of Catalytic Reactions on Direct Hydrazine Fuel Cell”</i>                               |
| 14:20 – 14:50 | <b>Nyayu Siti Nurainun</b><br>TBA  |
| 14:50 – 15:20 | <b>Rawat Jaisutti</b><br><i>“DFT Study on Molecular Interaction between Cobalt Phthalocyanine and Carbon Monoxide for Sensor Applications”</i> |
| 15:20 – 15:30 | <i>Break</i>   |
| 15:30 – 16:00 | <b>Ivansyah Atthar Luqman</b><br>TBA   |
| 16:00 – 16:30 | <b>Wang Yu-Sheng Andrew</b><br><i>“Borohydride Adsorption: Application in Borohydride Oxidation Catalysis”</i>                                 |
| 16:30 – 17:00 | <b>Sundari Citra Deliana Dewi</b><br><i>“Computational Study of N3 Dye for DSSC Application”</i>   |
| 17:00 – 17:30 | <i>Closing Remarks, Award Ceremony and Picture Taking.</i>   |

