



**OU-ITB Scientific Meeting on Advanced Functional Materials: Design
and Fabrication
December 13, 2012
Venue: P1-212
Program**

- Welcome Greetings
Prof. Hideaki Kasai
Department of Precision Science and Technology and Applied Physics, Osaka
University
Moderator: Dr. Mohammad Kemal Agusta
- 13:00 – 13:05
- 13:05 – 13:35
Research and Study Program
Prof. Dr. Hermawan Kresno Dipojono -Institut Teknologi Bandung, Indonesia-
- 13:35 – 14:05
Electronic Properties of Carbon Nanotubes
Prof. Dr. Suprijadi -Institut Teknologi Bandung, Indonesia-
- 14:05 – 14:30
Metal Oxide Gas Sensor
Prof. Dr. Nugraha -Institut Teknologi Bandung, Indonesia-
- 14:30 – 14:40
Move to P1-311
PhD public hearing
*A theoretical study on the H₂ nuclear spin conversion on clean and modified solid
surfaces*
- 14:40 – 15:20
Yuji Kunisada -Kasai Laboratory, Osaka University-
- 15:30 – 16:10
Theoretical Study of Lithium-Montmorillonite
Triati Dewi Kencana Wungu -Kasai Laboratory, Osaka University-
- 16:10-16:30
Move to P1-212 & Coffee Break
Moderator: Musa Alaydrus
*First Principles Calculations on the Water and Anion Formation Reactions on
Co-Ppy Cluster*
- 16:30-16:45
Adithya Gandaryus Saputro -Kasai Laboratory, Osaka University-
- 16:45 – 17:00
First-principles based modeling of hydrazine adsorption on metal surfaces
Dr. Mohammad Kemal Agusta -Kasai Laboratory, Osaka University-
- 17:00-17:15
Closing remark & picture taking
Prof. Hermawan K. Dipojono
Institut Teknologi Bandung, Indonesia
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