

November 22, 2012
15:00 - 17:30, P1–212, Suita Campus

OU-DLSU Workshop in Materials Engineering and Design for Energy Applications



Prof. Hiroshi Nakanishi
Opening Remarks

Part I: Lectures from De La Salle University Faculty

Moderator: Dr. Mary Clare Sison Escano

Prof. Alvin B. Culaba
Exec. Vice Pres. for External Relations and
Internationalization, De La Salle University

“A Life-Cycle Framework on
Microalgae-to-Biodiesel Production ”
(15:05–15:30)

Prof. Nelson B. Arboleda, Jr.
Professor
De La Salle University

“Designing Materials for Bio-Sensors
and Energy Source Alternatives ”
(15:30–15:55)

Dr. Melanie Y. David
External Affairs Director,
College of Science, De La Salle University

“Alternative Materials for
Alternative Sources of Energy”
(15:55–16:20)

Coffee Break
(16:20–16:30)

Part II: Presentations from Osaka University Students

Moderator: Ryan Lacdao Arevalo

Joaquin Lorenzo Valmorina Moreno
“DFT Investigations on the possibility of Fe-filled
carbon nanotubes as fuel cell catalyst material”
(16:30–16:45)

Fadjar Fathurrahman
“ZnO(10-10) Surface Interaction with
1,2,4-trimethylbenzene ”
(17:00–17:15)

Alaydrus Musa
“Sm and Gd Singly Doped and
Co-doped Ceria for Solid Electrolyte ”
(16:45–17:00)

Chong Kong Ng
“DFT study of CO Adsorption On the Pt-Ru
(111) Surfaces ”
(17:15–17:30)

Picture Taking

