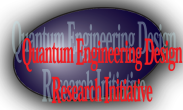


Invitation Program for East Asian Young Researchers

~Design and Creation of New Green Nano Materials~

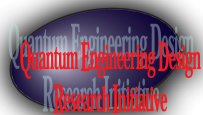
Schedule

Date	Time	Activity	Venue
Oct. 23		Arrival KIX	
Oct. 24	11:00-11:30	Meeting with Prof. Kasai and Staff of Kasai Lab.	Prof. Kasai's Office
	13:00-15:05	Quantum Engineering Design Research Initiative Workshop, Day 1	P2 2F Meeting Room
Oct. 25	13:30-15:40	Quantum Engineering Design Research Initiative Workshop, Day 2	P2 2F Meeting Room
Oct. 26	10:00-11:55	Quantum Engineering Design Research Initiative Workshop, Day 3	P2 2F Meeting Room
	14:30-15:30	Visiting " Institute for NanoScience Design(INSO) "	Toyonaka Campus
Oct. 27	13:30-14:25	Quantum Engineering Design Research Initiative Workshop, Day 4	P2 2F Meeting Room
	14:40-15:10	Review Talk by Abdulla Sarhan	P1-311
Oct. 28	13:00-14:30	Visiting " Ultra Clean Room(UCR) "	M1 5F



Date	Time	Activity	Venue
Oct. 31	9:30-17:30	"The fourth international symposium on Atomically Controlled Fabrication Technology"	Osaka University Nakanoshima Center
	17:30-	Excursion (your own expense)	Namba
Nov. 1	9:30-18:30	"The fourth international symposium on Atomically Controlled Fabrication Technology" (Poster Session)	Osaka University Nakanoshima Center
	18:00-	Banquet (free)	
Nov. 2	9:30-17:30	"The fourth international symposium on Atomically Controlled Fabrication Technology"	Osaka University Nakanoshima Center
Nov. 3		National Holiday	
Nov. 4		Visiting " SPRING-8 "	Chartered Bus
Nov. 6		Leave from KIX	

And Any Time Discussion...



Invitation Program for
East Asian Young Researchers

Quantum Engineering Design
Research Initiative Workshop

~Design and Creation of
New Green Nano Materials~

Program

Date: 24th-28th October 2011

Venue: P2 2F Meeting Room

Quantum Engineering Design Research Initiative Workshop
~Design and Creation of New Green Nano Materials~

24th(Mon) October 2011

13:00-13:10 Opening Remark

Osaka University Prof. Hideaki Kasai

13:10-13:25

"Oxygen Dissociation on Metal Oxide-Supported
Pt Cluster"

Osaka University Nguyen Tien Quang

13:25-13:40

"Effects of Cluster size on Pt-O Bonds Formation
in Small Platinum Cluster"

Osaka University Ferensa Oemry

13:40-13:55

"Study of NO Oxidation Reaction over Pt Cluster
Supported on γ -Al₂O₃(111) Surface"

Osaka University Hirofumi Kishi

13:55-14:05 Break

14:05-14:20

"Theoretical Study of Hydrazine Adsorption
on Metal Surfaces"

Osaka University Mohammad Kemal Agusta

14:20-14:35

"A First Principles Study of
Ortho-Para H₂ Conversion on the Ag(111) Surfaces
with Coadsorbed O₂ Molecules"

Osaka University Yuji Kunisada

14:35-14:50

"Interaction of Borohydride
with 3d Transition Metals: a DFT Study"

Osaka University Ryan Lacsao Arevalo

14:50-15:05

"First Principle Study of Spontaneous Polarization and
Piezoelectricity on ATiO₃(A=Pb,Sn,Ge,Bi,Tl)"

Osaka University Kohei Oka

25th(Tue) October 2011

13:30-14:00

"Calculation of Multiple-Scattering Amplitudes
in the Anderson Model"

Mahidol University Dr. Sujin Suwanna

14:00-14:15

"Computational Study of DSC Sensitizer Originated
from Iron (II) and Ruthenium(II) with
a Pyridyl-Quinoline-Framework Ligand"

Bandung Institute of Technology
Citra Deliana Dewi Sundari

14:15-14:30

"First Principles Calculation of The Adsorption of
Water on Li-Montmorillonite"

Osaka University Wungu Triati Dewi Kencana

14:30-14:40 Break

14:40-14:55

"Spatial Dependence of the STS Profiles of
Co-adsorbed Molecules on Metal Surfaces"

Osaka University Kuniyuki Miwa

14:55-15:10

"Oxygen Reduction Reaction Mechanism on
Cobalt-(6)Pyrrole Cluster:
Density Functional Theory Study"

Osaka University Saputro Adhitya Gandaryus

15:10-15:25

"First Principles Comparative Study of O₂ Adsorption
on Zinc-Porphyrins and Iron-Porphyrins"

Osaka University Febdian Rusydi

15:25-15:40

"A DFT Study of OOH Dissociation on
Platinum Alloy Catalysts"

Osaka University Wahyu Tri Cahyanto

Quantum Engineering Design Research Initiative Workshop

~Design and Creation of New Green Nano Materials~

26th(Wed) October 2011

10:00-10:30

“Some new efficient Poisson solvers”

Hue University **Dr. Dinh Nhu Thao**

10:30-10:45

“Computational Study of Quinoline Derivative
as a Sensitizer for Dye Sensitized Solar Cell”

Bandung Institute of Technology **Atthar Luqman Ivansyah**

10:45-11:00

“Role of Surface Distortion on Molecular Adsorption
on the Tri-s-triazine-based
Graphitic Carbon Nitride Surfaces:
A Specific Analysis on the O₂ Molecule Interaction”

Osaka University **Susan Meñez Aspera**

11:00-11:10 Break

11:10-11:25

“A DFT Study on the Adsorption of
Oxygen and Hydrogen Peroxide
on Fe-filled Single-walled Carbon Nanotubes”

Osaka University **Joaquin Lorenzo Moreno**

11:25-11:40

“Tuning Magnetic Interactions in Systems of
Dimers and Trimers on a Metal Surface”

Osaka University **Nghiem Hoa Thi Minh**

11:40-11:55

“Magnetic Anisotropy in Co/Ni Multi-layer”

Osaka University **Kazuki Kojima**

14:30-15:30

Visiting “Institute for Nano Science Design(INSD)”

27th(Thu) October 2011

13:00-13:30

“First Principle Studies on Atomic Hydrogen
Absorption into Graphite Edges”

De La Salle University **Dr. Nelson Arboleda Jr.**

13:30-13:45

“Dissociative Adsorption of H₂
on Mn-modified Ni(111) Surface:
A Density Functional Theory Study”

Osaka University **Allan Abraham Bustria Padama**

13:45-13:50 Break

13:50-14:20

“Effect of Polarization Charges on the Electron
Mobility in the Single Heterostructures
Based on Wurtzite Materials”

Can Tho University **Dr. Nguyen Thanh Tien**

14:20-14:25 Picture Taking

14:25-14:40 Break(move to P1-311)

14:40-15:10 Review Talk

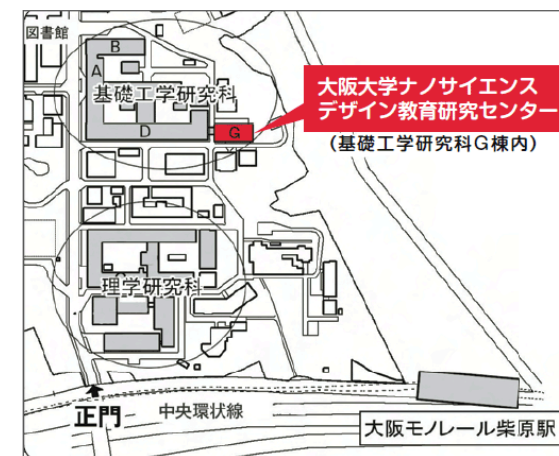
“Theoretical Study of Electron-Vibron Interaction
on Surface Adsorbed Molecules”

Osaka University **Abdulla Sarhan**

28th(Fri) October 2011

13:00-14:30

Visiting “Ultra Clean Room(UCR)”



Access to INSD(Toyonaka Campus)



Access to UCR(Suita Campus)