

Nov. 29 - Dec. 01
2017

ASIA COMPUTATIONAL MATERIALS DESIGN WORKSHOP

Vietnam Japan University

Luu Huu Phuoc, My Dinh I, Nam Tu Liem, Hanoi, Vietnam

HOST

CO-HOST

SPONSORS

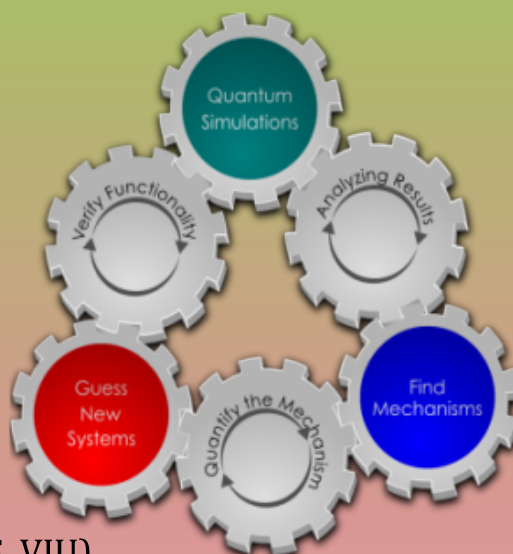
- Vietnam Japan University (VJU)
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- Quantum Engineering Design Research Initiative, Osaka University (QEDRI-OU)
- Institute for NanoScience and Design, Osaka University (INSD-OU)
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CO-CHAIRS

Shibutani Yoji (OU, VJU)
Oguchi Tamio (OU)
Nguyen Hoang Oanh (VJU)

ORGANIZING COMMITTEE

Dinh Van An (VJU, OU)
Bach Thanh Cong (VNU-US)
Wilson Agerico Diño (OU)
Nguyen Hoang Luong (VNU-US, VJU)



LECTURERS

Oguchi Tamio (OU)
Morikawa Yoshitada (OU)
Sato Kazunori (OU)
Wilson Agerico Diño (OU)
Shibutani Yoji (OU, VJU)
Kajishima Takeo (OU)
Kaneko Makoto (OU)
Okumura Dai (OU)
Bach Thanh Cong (VNU-US)
Nguyen The Toan (VNU-US)
Dinh Van An (VJU, OU)

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REGISTRATION

Please register via email: nt.huong2@vju.ac.vn

Registration fee: **free of charge**. Participants are requested to bring their own laptop for practice.

Registration Data: (1) Full Name, (2) Affiliation, (3) Office Address, (4) E-mail Address, (5) Phone Number

Deadline for registration: September 30th 2017.

CONTACT US

Tel: (+84) 024 7306 6001 (Ext) 5033 (Ms. Huong)

ASIA COMPUTATIONAL MATERIALS DESIGN WORKSHOP

(9th Asia CMD[®] Workshop, Vietnam)

PROGRAM

Nov. 29	Nov. 30	Dec. 01
08:30 – 09:00 Registration	8:30 – 09:30 <i>Basic Theory for AkaiKKR</i> Prof. Sato Kazunori	08:30 – 09:30 <i>Basic Theory for STATE-Senri</i> Prof. Morikawa Yoshitada
09:00 – 09:20 Welcome Address Vice Rector of VJU (Dr. Oanh) Welcome Address and Introduction of VJU and MNT Prof. Shibutani Yoji 09:20 – 10:20 Tutorial on Unix/Linux 1 Dr. Dinh Van An		Group Picture
Break (10 mins)		Break (15 mins)
10:30 – 11:45 <i>Fundamentals of Electronic Structure Calculation and Basic Theory for HiLAPW</i> Prof. Oguchi Tamio	9:45 – 11:45 Hands-on Tutorial 3 (AkaiKKR) Prof. Sato Kazunori	9:45 – 11:45 Hands-on Tutorial 5 (STATE-Senri) Prof. Morikawa Yoshitada
Lunch	Lunch	Lunch
13:00 – 16:00 Hands-on Tutorial 2 (HiLAPW) Prof. Oguchi Tamio	13:30 – 15:30 Hands-on Tutorial 4 (AkaiKKR) Prof. Sato Kazunori	13:30 -15:30 Hands-on Tutorial 6 (STATE-Senri) Prof. Morikawa Yoshitada
Break (15 mins)	Break (15 mins)	Break (15 mins)
16:15 – 16:55 Presentation 1 <i>CFD simulation</i> Prof. Kajishima Takeo	15:45 – 16:25 Presentation 3 <i>Thermodynamic properties and excitation in ultra-thin ferroelectric films</i> Prof. Bach Thanh Cong	15:45 – 16:25 Presentation 6 <i>Finite element analyses of pattern transformation induced by external stimulus</i> Prof. Okumura Dai
16:55 – 17:35 Presentation 2 <i>Evaluation of Cell Deformability by Microfluidic Channel</i> Prof. Kaneko Makoto	16:25 – 17:05 Presentation 4 <i>Surface/Interface as a Foundation for Realizing Designer Materials, Materials and Process Design</i> Prof. Wilson Agerico Diño	16:25 – 17:05 Presentation 7 <i>Multiscale Modeling; Atomistic and Continuous Pictures in Mechanics</i> Prof. Shibutani Yoji
Welcome Party (To be announced later)	17:05– 17:45 Presentation 5 <i>Investigation of kinking behaviour of short DNA bending using all atom simulation</i> Prof. Nguyen The Toan	17:05 – 17:35 Certification Conferring Prof. Shibutani, Prof. Oguchi
		17:35 – 17: 45 Closing Remarks Prof. Oguchi Tamio