Asia Computational Materials Design Workshop
(Asia CMD Workshop)
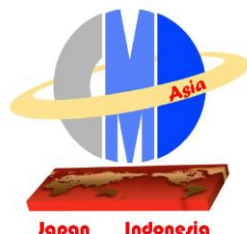
Program:

Day	Time	Agenda	
3-Aug	09.00 - 09.20	Opening Session and Orientation	Hermawan K Dipojono, Hideaki Kasai, Head of Study Program/Faculty/University
	09.30 - 10.40		Hermawan K Dipojono
	10.40 - 10.50	Break	
	10.50 - 12.00	Toward New Optical Science of Dynamically-Correlated Electron Systems: Quantum Cooperative Phenomena in Photoexcited Semiconductors	Tetsuo OGAWA
	12.00 - 12.45	LUNCH BREAK	
	12.50 - 14.00	Computational Materials Design and its applications for various industrial fields	Hideaki KASAI
	14.00 - 14.10	Break	
	14.10 - 15.20	Computational Nano-Materials Designs for Spinodal Nanotecnology as A Bottom-up Method: -Application to Spintroncs, Spincaloritronics, Photovaltaic Solar Cells, and Nanocatalysis	Hiroshi KATAYAMA YOSHIDA
	15.20 -15.30	Break	
	15.30 - 16.40	Computational Materials Design applications and quantum calculation code for atomic motions, Naniwa-Static	Hiroshi NAKANISHI

Day	Time	Agenda	
4-Aug	08.00 - 09.00	Introduction of Linux / Unix	
	09.00 - 10.10	First-principles pseudo potential electronic structure calculation code, Osaka 2000, and its applications	Kouun SHIRAI
	10.10 - 10.20	Break	
	10.20 - 11.30	Osaka 2000 operation	
	11.30 - 12.30	LUNCH BREAK	
	12.30 - 14.00	Osaka 2000 basic practice	
	14.10 - 14.20	Break	
	14.20 - 15.30	Osaka 2000 advanced practice	

5-Aug	08.00 - 09.10	First-principles calculation code by real-space formalism, RSPACE, and its applications	Tomoya ONO
	09.10 - 09.20	Break	
	09.20 - 10.30	RSPACE operation	
	10.30 - 10.40	Break	
	10.40 - 12.10	RSPACE basic practice	
	12.10 - 13.00	LUNCH BREAK	
	13.00 - 14.10	RSPACE advanced practice	

6-Aug	08.00 - 09.10	First-principles molecular dynamics program code, STATE-SENRI, and its applications	Yoshitada MORIKAWA
	09.10 - 09.20	Break	
	09.20 - 10.30	STATE-SENRI operation	
	10.30 - 10.40	Break	
	10.40 - 12.10	STATE-SENRI basic practice	
	12.10 - 12.30	Closing Ceremony	Hideaki Kasai, Hermawan K Dipojono