

Agenda of US-Japan JIFT Workshop on Integrated Modeling
version on 2012-10-15

Nov. 14 (Wed)					
9:00	9:10				Registration
9:10	9:20				Welcome and Local Logistics
9:20	10:00	Yagi	Masatoshi	JAEA	Prospects for Fusion Simulation Research using IFERC-CSC
10:00	10:40	Matsuyama	Akinobu	JAEA	Development of runaway orbit following code for tokamak disruptions
					Coffee break
11:00	11:40	Todo	Yasushi	NIFS	Recent progress of hybrid simulation for energetic particles and MHD
11:40	12:20	Kruger	Scott	TechX	Macroscopic Validation with the FACETS Code
					Lunch
14:00	14:40	Xu	Xueqiao	LLNL	Multi-field two-fluid and Gyro-fluid BOUT++ Simulations of ELMs and Validation
14:40	15:20	Hayashi	Nobuhiro	JAEA	Integrated simulation of ELM pacing by pellet injection
					Coffee break
15:40	16:20	Li	Jiquan	Kyoto U	Effect of ion-neutral collision on blob/hole dynamics and transport in tokamak boundary plasmas
16:20	17:00	Ishizawa	Akihiro	NIFS	Turbulent transport in high-beta toroidal plasmas
Nov. 15 (Thu)					
9:20	10:00	Honda	Mitsuru	JAEA	Recent development of the integrated transport code TOPICS with emphasis on rotation and a radial electric field
10:00	10:40	Yokoyama	Masayuki	NIFS	Development of Integrated Transport Analysis Suite for LHD Plasmas Towards Transport Model Validation and Increased Predictability
					Coffee break
11:00	11:40	Wakasa	Arimitsu	Kyoto U	Heat transport simulation in LHD plasmas using extended gyro-Bohm transport models including temperature gradient dependence
11:40	12:20	Seki	Ryosuke	NIFS	Prediction of Confinement Property in High-Beta Plasmas based on LHD Experiment Results
					Lunch
14:00	14:40	Chan	Vincent	GA	Validation of ICRF accelerated fast ion physics modeled by ORBIT-RF
14:40	15:20	Murakami	Sadayoshi	Kyoto U	Integrated simulation of ICRF heating in a tokamak plasma
					Coffee break
15:40	16:20	Kuley	Animesh	UC-Irvine	Fully kinetic simulation of radio frequency wave in fusion plasmas
16:20	17:00	Nuga	Hideo	Tsukuba U	Progress of kinetic transport simulation code TASK/FP
19:00	21:30				Workshop dinner

Nov. 16 (Fri)					
9:20	10:00	Raburn	Daniel	Kyoto U	Inclusion of pressure and flow in the KITES 3D MHD equilibrium code
10:00	10:40	TBD			TBD
					Coffee break
11:00	11:40	Meneghini	Orso	ORISE/GA	On the OMFIT modeling framework and the development of steady state scenarios for a Fusion Nuclear Science Facility
11:40	12:20	Fukuyama	Atsushi	Kyoto U	Progress of the integrated modeling code TASK and the plasma data model BPSD
					Adjourn