Winter Workshop on Energetic Particle, UCI University Club, 1/28-1/29, 2013

Monday (1/28)		
Session Chair:		
09:00 - 09:45	L. Chen	Nonlinear physics of shear Alfven waves
09:45 - 10:30	B. Breizman	Nonlinearly driven harmonics of Alfvén eigenmodes
10:30-11:00	**Coffee break**	
11:00-11:30	G. Fu	Recent Progress in M3D-K Hybrid Simulations of Energetic Particle-driven Modes
11:30-12:00	Z. Wang	Localization of TAE in DIII-D
12:00-12:30	D. Spong	Recent extensions and applications of the gyrofluid model for EP instabilities
12:30-14:00	**Lunch**	
Session Chair:		
14:00-14:30	E. Bass	Toward ITER alpha profile prediction under a stiff transport assumption
14:30-15:00	M. Van Zeeland	Future DIII-D test cases that will cover AEs in ITER scenario plasmas and the ITPA joint experiment on the impact of ECH on AE activity
15:00-15:30	W. Heidbrink	Recent comparisons with DIII-D data & new cases
15:30-16:00	**Coffee break**	
16:00-16:30	Y. Chen	Fluid electrons with kinetic closure for simulating energetic particles driven modes
16:30-17:00	I. Holod	Verification of Electromagnetic Fluid-Kinetic Hybrid Electron Model in Global Gyrokinetic Particle Simulation
17:00-17:30	M. Porkolab	Impact of ion depletion by impurities on transport: gyrokinetic predictions and experiment
18:00-20:00	Dinner Celebrating 2012 APS Maxwell Prize in Plasma to Prof. Liu Chen	
Tuesday (1/29)		
Session Chair:		
09:00-09:30	R. Waltz	ALPHA: Code for projecting classical slowing down alpha profiles in ITER
09:30-10:00	S. Dettrick	Simulation of Fast Ion Transport in the C2 FRC Experiment
10:00-10:30	J. McClenaghan	GTC simulation of internal kink mode
10:30-11:00	**Coffee break**	
11:00-11:30	B. Tobias	Imaging techniques
11:30-12:00	X. Chen	Fast particle modes studied with a light-ion beam probe on DIII-D
12:00-12:30	Y. Xiao	Experimental validation of turbulent transport with global gyrokinetic particle simulation
12:30-14:00	**Lunch**	
Session Chair:		
14:00-18:00	(G. Fu & Z. Lin) Discussions of OFES FY14 EP theory milestones & simulation-experiment collaborations	

1.23.2013