Workshop: Toward an Integrated Fusion Simulation – Agenda

Session	Time	Speaker	Title
Monday 11/7			
	9:00 AM	Batchelor	Welcome/workshop goals
Fast MHD Campaign	9:15 AM	Jardin	Fast MHD campaign
	9:45 AM	Kessel	Fast MHD targets/IPS applications
	10:15 AM	**Break**	
	10:30 AM	McCune	Plasma State
	11:15 AM	Bramley	Computational framework super/infra structure
	12:00	**Lunch**	
Components - overview	1:15	Wright	RF
	1:30	McCune	Neutral Beams
	1:45	**Houlberg**	Fueling
	2:00	Berry	Distribution Function
	2:15	Jardin	Profile evolution
	2:30	Break	
	2:45	Jardin	Equilibrium
	3:00	Kruger	Linear Stability
	3:15	Bateman	Reduced stability models
	3:30	Sugiyama	Nonlinear MHD
	3:45	Break	
Computer Science Issues	4:00	McCune	Software Standards (NTCC)
	4:30	Klasky	Graphics – Elviz
	5:00	Schissel	Access to experimental data
	5:30	Adjourn	
	7:30		Wine and Cheese reception at Batchelor's

Workshop: Toward an Integrated Fusion Simulation – Agenda

Tuesday 11/8

Breakout sessions	9:00	Jardin	Profile evolution/ equilibrium
		Wright/Houlberg	Sources – RF, NB, fuel
	10:30	Break	
		Sugiyama et al	Linear, non-linear, and reduced MHD
		Berry/McCune	Slow dist. fn evolution/Plasma State
	12:15	**Lunch**	
Components - results	1:00	McCune	Plasma State
	1:30	Wright	RF
	2:00	Houlberg	Neutral Beams/fueling
	2:30	Break	
	2:45	Berry	Distribution Function
	3:15	Jardin	Profile evolution/equilibrium
	4:00	Bateman	Reduced stability models
	4:15	Break	
	4:30	Kruger	Linear Stability
	5:00	Sugiyama	Nonlinear MHD
	5:30	Keyes	ISICs and algorithms
	6:00	Adjourn	

Wednesday 11/9

Slow MHD Campaign	9:00	Ramos/Hegna	Closure Issues
	9:30	Hegna	NTM state of the art
	10:00	Houlberg	3D Plasma state
	10:15	Break	
Research needs	10:30	Hirshman	Physics research priorities
	11:00	All	Wrap up discussion
	12:00	Adjourn	