4th ITER International Summer School
31 May - 4 June 2010

Program

Time	Monday (May 31)	Tuesday (June 1)	Wednesday (June 2)	Thursday (June 3)	Friday (June 4)
8:30		**D. Humphreys** *GA, San Diego, USA* High Reliability Operation and Disruption Control in Tokamaks	**G. de Tommasi** *Univ. Naples, Italy* Current, Position, and Shape Control	**P. Martin** *Consorzio RFX, Padua, Italy* Lessons from the RFP on magnetic feedback control of plasma stability	**Y. Suzuki** *NIFS, Japan* Effects of 3D magnetic field structure on MHD equilibrium and stability
9:00	**Registration**				
9:30		**G. Jackson** *GA, San Diego, USA* Control issues related to startup	**G. de Tommasi** Hands-on session on control with the XSCTools (Group I, session 1) UT/RLM 7.306	**F. Waelbroeck** *IFS, U. Texas at Austin, USA* Models for global plasma dynamics	**Y. Liang** *IPP Juelich, Germany* ELM control
10:00	**Opening Ceremony**				
10:30	**G. Johnson** *Deputy Director General ITER Org., France* Progress of the ITER Project	Coffee break	Coffee break	Coffee break	Coffee break
11:00	**M. Kikuchi** *JAEA, Naka, Japan* Physics of plasma control towards steady-state operation of ITER	**X. Litaudon** *CEA, IRFM, Cadarache, France* Control of Advanced Scenarios	**G. de Tommasi** Hands-on session on control with the XSCTools (Group I, session 2) UT/RLM 7.306	**R. Fitzpatrick** *IFS, U. Texas at Austin, USA* Magnetic islands and Plasma response to error fields	**H. Reimerdes** *Columbia U., USA* Error Field Tolerance and Error Field Correction Strategies for ITER
11:30					
12:00					**Closing Ceremony**
12:30	Lunch		Lunch	Lunch	
13:00					
13:30	**J. Snipes** *ITER org, France.* MHD and Plasma Control in ITER	POSTER SESSION	Free time for groups I and II (discussions, visit IFS, visit laboratories, etc.)	**Steve Jardin** *PPPL, Princeton, USA* Predictive simulation of global instabilities in tokamaks	
14:00					
14:30	**M. Walker** *GA, San Diego, USA* The Science of Control		**G. de Tommasi** Hands-on session on control with the XSCTools (Group II, session 1) UT/RLM 7.306	**A. Sen** *IPR, India* Introduction to NTMs and role of rotation	
15:00					
15:30	Coffee break	Coffee break	Coffee break	Coffee break	
16:00	**C. Hegna** *U. Wisconsin, USA* Plasma rotation and its control	POSTER SESSION	**G. de Tommasi** Hands-on session on control with the XSCTools (Group II, session 2) UT/RLM 7.306	**J. Graves** *EPFL-CRPP Lausanne, Switzerland* Sawtooth control	
16:30					
17:00	**A. Boozer** *Columbia U., USA* Control of Resistive Wall Modes and Error Fields			**B. Breizman** *IFS, U. Texas at Austin, USA* Nonlinear Consequences of Energetic Particle Instabilities	
17:30					
18:00	Adjourn	Adjourn		Adjourn	
18:30	Welcome Reception				
19:00			Banquet		

5/11/10