

IEA Workshop (W60) on Burning Plasmas and Simulation

Start	End	Name	Institute	Speaker/ C	Title talk
		04-Jul-05			
		Session 1			Transport and Confinement in Burning Plasmas
8.30	8.40	Miura Y.	JAERI- Naka	chair	
8.40	9.20	Hawryluk R.	PPPL	speaker	DT Experiments on TFTR
9.20	10.00	Storck D.	UKAEA	speaker	DT Experiments on JET
10.00	10.20	Peng M.	PPPL	speaker	NSTX Results relevant for Burning Plasmas
10.20	10.40	Takenaga H.	JAERI- Naka	speaker	Burn control study using burning plasma simulation experiments in JT-60U
10.40	11.30	Miura Y.			discussion and summary
11.30	11.50				Coffee
		Session 3a			Integrated Modelling for Burning Plasmas
11.50	12.10	Jardin S.	PPPL	chair	Introduction
12.10	12.30	Fish N.	PPPL	speaker	A Hot-ion-Mode RF-Driven Tokamak via Alpha Channeling
12.30	12.50	Takenaga H.	JAERI	speaker	Impurity injection scenario in the burning plasma
12.50	13.10	Hellsten T.	Stockh.	speaker	Integrated modelling of ICRH and AE Dynamics
13.10	13.30	Lee Wei-li	PPPL	speaker	Integrated Gyrokinetic Particle Simulation of Fusion Plasmas
13.30	14.30				Lunch
		Session 2			MHD Stability and Fast Particle Confinement (experiment, theory and modelling)
14.30	14.40	Fasoli A.	EPFL	chair	
14.40	14.55	Fasoli A.	EPFL	speaker	TAE and EAEA damping in JET
14.55	15.15	Snipes J.	MIT	speaker	TAE damping rates compared with NOVA-K
15.15	15.35	Guenter S.	IPP	speaker	Fast particle driven modes - a new gyrokinetic code with full orbits
15.35	15.55	Gorelenkov N.	PPPL	speaker	Alfven Eigenmode stability with beams and alpha particle profile quasilinear relaxation in ITER
15.55	16.15	Todo Y	NIFS	speaker	Nonlinear evolution of Alfven eigenmodes in an ITER-like plasma
16.15	16.35				Coffee
16.35	16.55	Takechi M.	JAERI	speaker	Fast particle confinement and TAE in JT-60U
16.55	17.15	Appel L.	UKAEA-MAST	speaker	CAEs on MAST
17.15	17.35	Hamamatsu K.	JAERI	speaker	Fast ion motion perturbed by NTM magnetic island
17.35	17.55	Guenter S.	IPP	speaker	ECCD feedback on NTMs in AUG
17.55	18.15	Strait E. J.	DIII-D	speaker	ECCD feedback on NTMs in DIII-D
18.15	19.30	Fasoli A.	EPFL	chair	discussion and summary
		05-Jul-05			
		Session 3b			Integrated Modelling for Burning Plasmas
8.30	8.50	Kessel Ch.	PPPL	speaker	Integrated modeling of ITER and Fire with TSC and TRANSP
8.50	9.10	Coster D.	IPP	speaker	Burning Plasma Simulations: Edge Issues
9.10	9.30	Kritz A.	Lehigh Univ.	speaker	Prediction of H-mode pedestal and ELMS and the Performance of Burning Plasma Experiments
9.30	9.50	Ozeki T.	JAERI	organiser	Integrated simulation code for the burning plasma analysis
9.50	10.10	Schneider M.	CEA	speaker	Integration of the SPOT code into CRONOS for Burning Plasma Studies
10.10	10.30	Budny R.	PPPL	speaker	Time-Dependent integrated modeling of ITER plasmas
10.30	11.10	Jardin	PPPL		discussion and summary
11.10	11.30				coffee
		Session 4			Diagnostics and Control for Burning Plasmas
11.30	11.50	Donne A.	FOM	chair	Introduction and overview
11.50	12.10	Baylor L.	ORNL	speaker	Pellet Fueling Technology Leading to Efficient Fueling of ITER Burning Plasmas
12.10	12.30	Osborne T.	DIII-D	speaker	Suppression of Type I ELMS through application of edge resonant magnetic perturbations and application to ITER

IEA Workshop (W60) on Burning Plasmas and Simulation

12.30	12.50	Okabayashi M.	PPPL	speaker	Present understanding of RWM physics and possible approaches for RWM control in burning plasmas
12.50	13.10	Raman R.		speaker	Advanced fueling system for use as a burn control tool
13.10	13.30	Moreau D.	JET	speaker	Integrated real-time control for advanced steady state scenarios in JET and applications to burning plasmas
13.30	14.30				Lunch
14.30	14.50	Sasao M.	Tokohu-Univ	speaker	Development of Advanced diagnostics for Burning Plasmas
14.50	15.10	Goncalves B	JET	speaker	Burning plasma diagnostics on JET: past results and future plans
15.10	15.30	Bindslev H.	Riso	speaker	Measuring fast ions by collective Thomson scattering, TEXTOR results and ITER plans.
15.30	16.10	Donne A.			discussion
		Session 5			Road Map for Burning Plasma Research
				chair	
16.10	16.40				discussion
16.40	17.00				Coffee
17.00	18.30				discussion and summary
	18.30				adjourn