

BURNING PLASMA SCIENCE WORKSHOP II

Agenda and Session Status (as of 30 April 4 PM)

General Atomics, Room 07-217, starting at 8:30 AM on 1 May 2001. Titles are representative, sometimes shortened.

Time	Session/Chair	Speakers	Topic
Tuesday 8:00 AM (1 May)	Welcome Breakfast: Coffee, Bagels, Rolls,		
8:30	Plenary/Parker	D. Baldwin	Welcome and Remarks
8:40		R. Parker	Why are we here?
8:55		J. Wesley	Agenda and Logistics
9:00		F. Najmabadi	BPS and BPT issues derived from reactor studies
9:30		G. Narvratil	Requirements for a BPSX: summarized from BPS WS-I
10:00		J. Wesley	Science and Technology Issues -> BPSX Opportunities
10:15	Break		
10:30	Plenary/Parker	D. Stork	Overview of JET DT
11:10		B. Coppi	Overview of IGNITOR
12:00		R. Aymar	Overview of ITER-FEAT
12:40	Lunch		
1:30		D. Meade	Overview of FIRE

Time	Session	Co-Chairs	Topic
Tuesday 2:10 PM (1 May)	Breakout 1	M. Ulrickson S. Allen	Power & Particle Control (see separate agenda)
	Breakout 2	M. Porkolab R. Prater	Heating and Current Drive (see separate agenda)
	Breakout 3	R. Waltz S. Jardin	Confinement, MHD, Perform. (see separate agenda)

Time	Session	Chair	Topic
Tuesday Eve (1 May)	Special (preceded by GA-hosted pizza dinner)	J. Freidberg	FESAC Status and Beyond

Time	Session	Speakers	Topic
Wednesday 8:00 AM (2 May)	Plenary/ Ulrickson		
8:10		D. Ruzic	Implications of Li divertor and other liquid-metal technologies
8:50		J. Perkins	Lessons learned from fission's "ignition/burn" experiment
9:30		J. Schultz	Advanced magnets and implications for BPX
10:15 Break			
10:40		S. Zinkle	Material Science from a BPSX
11:20	Plenary/Wesley	R. Stambaugh	Optimal Tokamak Aspect Ratio — Next Step Implications
12:00 Lunch	Lunch		
1:00	Plenary/Wesley	S. Jardin	Physics Program FIRE
1:40		Y. Shimomura	Physics Program: ITER
2:20		B. Coppi	Physics Program: IGNITOR

Time	Session	Co-Chairs	Topic
Wednesday 3 PM (2 May)	Breakout 4	G. Wurden A. Costley	Diagnostics for Burning Plasma Experiments (BPXes) (see separate agenda)
	Breakout 5	T. Taylor C. Kessel	Flexibility and AT Scenarios (see separate agenda)

Time	Session	Speakers	Topic
Thursday AM (3 May)	Plenary/Parker		
8:10		G. Navratil (?)	Plans for Workshop III
8:30		Session and Breakout Chairs	Presentation of draft summaries and findings, discussion and attainment of consensus