6/24/02

NSTX Five Year Plan Ideas
Forum Agenda

Monday, June 24, 2002

1. Plenary		*Gottlieb Auditorium*
Welcome and Opening Comments	R. Goldston; D. Priester, DoE	8:30 – 8:45
1.1 Goals of Forum and Elements of a 5 Year Vision	Synakowski	8:45 – 9:15
1.2 NSTX Facility and Upgrade Possibilities	Ono	9:15 – 9:40
1.3 The C-Mod Program and Plans for AT Scenario Development	Bonoli	9:40 – 10:20
- *Break* -		10: 20 – 10:40
2. Plenary		*Gottlieb Auditorium*
2.1 The DIII-D Program Plan for 2004 – 2008	Luce	10:40 – 11:20
2.2 The MAST ST Research Program	Akers	11:20 – 12:00
2.3 Research on Pegasus	Fonck	12:00 – 12:15
- Lunch –		12:15 – 1:30

Parallel Session Room Locations: *(1) B-318* *(2) B-252* *(3) Director's Conference Room*

3. Parallel	3.1 MHD: Long Range MHD Program Needs and Implications 3.2 Boundary - Particle Control and Fueling 3.3 Heating/CD/startup (1): EBW research	1:30 - 3:15
- *Break* -		3:15 – 3:35
4. Parallel	4.1 MHD Physics Goals, Measurement and Theory Needs 4.2 Transport (Heating, power balance, transient) 4.3. Heating/CD/startup (CHI)	3:35 – 5:30

6/24/02

Tuesday, June 25, 2002

Parallel Session Room Locations: *(1) B-318* *(2) B-252* *(3) Director's Conference Room*

5. Parallel	5.1 MHD: Global MHD (including RWM) 5.2 Heating/CD/Startup: EBW; HHFW 5.3 Transport: Diagnostics, incl. turbulence	8:30 – 10:15
- *Break* -		10:15 – 10:35
6. Parallel	6.1 MHD: Resistive MHD, incl EBW & NTM 6.2 Heating/CD/Startup: HHFW 6.3 Transport/Boundary: SOL and divertor transport	10:35 – 12:15
- Lunch -		12:15– 1:30
7. Parallel	7.1 Integration & Control 7.2 Transport/MHD/Boundary: ELMs 7.3 MHD: Fast Particle MHD (TAE, CAE)	1:30 – 3:15
- *Break* -		3:15 – 3:35
8. Parallel	8.1 Integration & Control 8.2 Transport: Theory 8.3 Boundary: Power handling/impurities	3:35 – 5:30

Wednesday, June 26, 2002

9. Plenary: Summaries and Plenary Discussion ...*B-318*

9.1 Heating and Current Drive	Phllips, Wilson	9:00– 9:35
9.2 Transport and Turbulence	Darrow Kaye	9:35 – 10:10
9.3 MHD	Menard, Sabbagh	10:10 – 10: 45
Break		10:45 – 11:10
9.4 Boundary Physics	Kugel, Maingi	11:10 – 11:45
9.5 Integration	Bell, Gates	11:45 – 12:20
- *Lunch* –		12:20 – 1:30

10. Plen ary: Summaries (con't) *Gottlieb Auditorium*

10.1 Discussion of Computation/Analysis Requirements	McCune	1:30– 2:00
10.2 Theory Development Ideas in Light of Needs	Manickam	2:00 – 2:30
10.3 Diagnostic Development Ideas in Light of Needs	Johnson	2:30– 3:00

Adjourn