

FY99 NSTX RESEARCH FORUM
January 12-14, 1999, PPPL

January 12, Tuesday, Melvin Gotlieb Auditorium

- 8:00 Registration, Reception Dinner Ticket, Coffee-Pastries
- 8:30 Welcome (Rob Goldston)
- 8:40 DOE Comments (Ron McKnight)
- 8:50 Purpose and Agenda (Martin Peng)

Plenary Session I, 9:00-11:00: NSTX Status and Plans (Chair: Rich Hawryluk)

- 9:00 NSTX National Research Program (Martin Peng)
- 9:30 Project Overview (Masa Ono)
- 10:00 Plasma Projections and Analysis (Stan Kaye)
- 10:30 Experimental Research Operation (Joel Hosea)
- 11:00 Coffee

Plenary Session II, 11:10-2:15: Collaborating Research Tasks (Chair: Ron McKnight)

- 11:10 -Columbia U (Steve Sabbagh, 10 min)
 - Fusion Physics & Technology (Fred Levinton, 10 min)
 - GA (Bob Pinsker, 5 min; Mike Shaffer, 5 min)
 - Johns Hopkins U (Dan Stutman, 10 min)
 - LANL (Glen Wurden, 10 min)
- 12:00 Lunch
- 1:00 -LLNL (Steve Allen, 10 min)
 - MIT & UCSD (Abhay Ram, 5 min; Paul Bonoli, 5 min; TK Mau, 5 min)
 - ORNL (Dave Swain, 10 min)
 - SNL (Mike Ulrickson, 10 min)
 - UC Davis (Neville Luhmann, 10 min)
 - UCLA (Tony Peebles, 10 min)
 - U Washington (Roger Raman, 10 min)
- 2:15 Coffee

Plenary Session III, 2:25-5:45: Plans for the Parallel ET and WG Sessions (Chair: Masa Ono)

- 2:25 ET1: Ohmic Optimization (Steve Sabbagh)
- 2:45 ET2: HHFW (Randy Wilson or Dave Swain)
- 3:05 ET3: CHI Startup (Dennis Mueller)
- 3:25 Run Coordination (Mike Bell)
- 3:45 WG1: Startup Physics (David Gates)

- 4:05 WG2: Heating and Current Drive Physics (Dick Majeski or Dave Swain)
- 4:25 WG3: Stability and Control Physics (J. Manickam)
- 4:45 WG4: Turbulence and Transport Physics (Ed Synakowski)
- 5:05 WG5: Edge, SOL, Power and Particle Control Physics (Rajesh Maingi)
- 5:25 WG6: Crosscutting Diagnostics and Tools (Dave Johnson or Fred
Levinton)
- 5:45 Announcements
- 5:50 Adjourn

- 6:30 *Cash Bar and Reception Dinner (Good Time Charley's)***

January 13, Wednesday

7:30 Coffee available in the Melvin Gotlieb Auditorium

Parallel Session I, 8:00-12:00: Experimental Task (ET) Sessions

ET1 (Ron Bell and Steve Sabbagh)	B233 DOE Conference Room
ET2 (Randy Wilson and Dave Swain)	B318 NSTX Conference Room
ET3 (Dennis Mueller and Roger Raman)	B252 Physics Conference Room

12:00 Lunch

Parallel Session II, 1:00-5:00: Working Group (WG) Sessions

3:00 Coffee and Refreshments will be available in the Melvin Gotlieb Auditorium

WG1 (David Gates and Roger Raman)	B233 DOE Conference Room
WG2 (Dick Majeski and Dave Swain)	B318 NSTX Conference Room
WG3 (Steve Sabbagh and J. Manickam)	B252 Physics Conference Room
WG4 (Ed Synakowski and Chuck Greenfield)	B331 Directors Conference Room
WG5 (Daren Stotler and Rajesh Maingi)	EWA 153 Procurement Conference Room
WG6 (Dave Johnson and Fred Levinton)	B205 VideoConference Room

5:00 Adjourn

***January 14, Thursday
(Melvin Gotlieb Auditorium)***

7:30 Coffee Available in the Melvin Gotlieb Auditorium

Plenary Session IV, 8:00-9:30: ET Session Summaries (Chair: Joel Hosea)

8:00 ET1 (Ron Bell)

8:30 ET2 (Randy Wilson or Dave Swain)

9:00 ET3 (Roger Raman)

9:30 Coffee

Plenary Session V, 9:40-11:40: WG Session Summaries (Chair: Stan Kaye)

9:40 WG1 (Roger Raman)

10:00 WG2 (Dick Majeski or Dave Swain)

10:20 WG3 (Steve Sabbagh)

10:40 WG4 (Ed Synakowski)

11:00 WG5 (Rajesh Maingi)

11:20 WG6 (Dave Johnson or Fred Levinton)

11:40 Recommendations, Actions, Next Plans (Martin Peng)

12:20 Adjourn

1:20-2:15 Tour of NSTX Facility (Al VonHalle)

2:15-5:30 NSTX Team Meeting, B318 NSTX Conference Room

2:15 Coffee and Refreshments

2:30-5:30 Team Meeting on NSTX User's Group Functions and Formation
(Ed Synakowski, Mike Schaffer, agenda provided separately)