

NSTX-U Five Year Plan Review

Lyman Spitzer Building (LSB) – B318
Princeton Plasma Physics Laboratory
May 21-23, 2013

Tuesday, May 21, 2013

8:00 Coffee

8:30 – 9:30 Executive session of review panel

9:30 – 12:30 Presentations

9:30 Jon Menard – [NSTX-U 5 Year Plan Research Program Overview](#)

10:45 Coffee Break

11:00 Masa Ono – [NSTX-U Project Status and 5 Year Plan Facility Overview](#)

12:00 Stan Kaye – [5 Year Plan Contributions to ITER](#)

12:30 – 1:30 Lunch

1:30 – 4:45 Presentations

1:30 Stefan Gerhardt – [Initial Operations Plan, Plan for Scenarios and Control](#)

2:15 Jack Berkery – [Plan for Macroscopic Stability Research](#)

2:50 Jong-Kyu Park – [Non-axisymmetric Control Coil \(NCC\) Applications](#)

3:15 Coffee Break

3:30 Yang Ren – [Plan for Transport and Turbulence Research](#)

4:15 Mario Podestà – [Plan for Energetic Particle Research](#)

4:45 – 6:00 Executive session of the panel

6:00 – 6:30 Questions from the panel

7:00 Reception for panel members and speakers - 2nd floor commons (LSB PPPL)

NSTX-U Five Year Plan Review - Day 2

Wednesday, May 22, 2013

- 8:00 Coffee
- 8:30 – 9:00 Executive session of review panel**
- 9:00 – 12:00 Presentations
- 9:00 Rajesh Maingi – [Overview of Strategy for Boundary Physics and PMI](#)
- 9:30 Vlad Soukhanovskii - [Plan for Pedestal, Scrape-off Layer, Divertor Physics](#)
- 10:20 Mike Jaworski – [Plan for Materials and Plasma Facing Components](#)
- 10:50 Coffee Break
- 11:00 Gary Taylor – [Plan for Fast Wave, Electron Cyclotron, and EBW Research](#)
- 11:30 Roger Raman – [Plan for Plasma Start-up and Current Ramp-up](#)
- 12:00 A. Bhattacharjee – [Theory, Model Validation, and Predictive Capability](#)
- 12:30 – 1:30 Lunch and executive session of the panel**
- 1:30 – 2:30 NSTX-U answers to review panel questions from previous day
- 2:30 – 3:30 Additional questions, answers, discussion with NSTX-U team
- 3:30 – 6:00 Executive session of the panel for discussions and writing**

NSTX-U Five Year Plan Review - Day 3

Thursday, May 23, 2013

- 8:00 Coffee
- 8:30 – 11:30 Executive session of the panel for discussion and writing**
- 11:30 – 12:30 Lunch and final preparation for summary session**
- 12:30 – 1:30 Summary session / debrief
- 2:00PM Adjourn**