

# *Agenda*

- 2006 Run Plan & NSTX PAC Meeting - G. Taylor
- XP Review:
  - *Thermal EBW Conversion to O-Mode at 8 - 40 GHz*  
S. Diem
- HHFW PDI Threshold Experiment - S. Bernabei

*NSTX Wave-Particle ET Meeting  
February 2, 2006*



## *2006 Run Planning*

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- NSTX coils will be energized for the restart ISTP on Feb 6
- Week of Feb 13-17 scheduled for maintenance, including LITER installation; may include 1 day for magnetics calibration
- Week of Feb 20-24 expected to be first plasma operations:
  - *HHFW conditioning XMP may occur on Feb 24*
- Li conditioning experiments during week of Feb 27-Mar 3
- Roger wants to review our XPs ASAP



# ***NSTX PAC-19 February 22 - 24***

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## PAC Charge:

- Do research plans for FY2006-08 take appropriate advantage of capabilities to address both burning plasma and ST science goals?
- Do proposed facility and diagnostic upgrades for FY2006-08 position NSTX to maximize its contributions, given financial constraints?



# ***NSTX PAC-19 February 22 - 24 (cont.)***

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## **PAC-19 Agenda for Thursday, February 23, 2006**

- 8:40 Stan Kaye: Confinement & Transport
- 9:10 Mike Bell: Turbulence & High-k Scattering
- 9:40 Aaron Sontag: EF and RWM Control
- 10:20 Coffee Break
- 10:30 Eric Fredrickson: Super-Alfvénic Ion Driven  
Instabilities and Transport**
- 11:10 Gary Taylor: EBW and HHFW (include Pegasus)**
- 11:50 Lunch
- 12:50 Dennis Mueller: Transient CHI
- 1:20 Henry Kugel: Li Coating & Recycling Control
- 1:45 Rajesh Maingi: H-mode Pedestal Physics (include  
detachment and “blobs”)
- 2:30 Dave Gates: Toward Stable Steady State Operation
- 3:10 Coffee Break
- 3:20 Roger Raman: Run Plan for FY06



# ***Proposed ET XP Review Schedule***

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**Feb 9:** *HHFW Power Deposition vs Phase and Wavelength Through Power Modulation* - J. Hosea

*Magnetic Field Direction Effect on HHFW Coupling* - J. Hosea

**Feb 16:** No Meeting - ICC2006

**Feb 23:** No Meeting - NSTX PAC-19

**Mar 2:** *HHFW into Reversed Shear Plasmas* - B. LeBlanc

*High  $T_e$  Plasma Scenarios with HHFW-Heating* - B. LeBlanc

*Absorption of HHFW on Beam Ions in NSTX* - R. Pinsker

