
U.S. Burning Plasma Workshop

Oak Ridge National Laboratory

Dec 7-9, 2005

E. S. Marmor

On behalf of the
Program Committee



Workshop Agenda

- Details at <http://www.burningplasma.org/agenda.html>
- Wednesday morning
 - Development of the USBPO (Fonck)
 - Status and Plans for ITER – Domestic (Strawbridge)
 - International and ITPA perspective (Stambaugh)
 - NRC/National Academy Decadal Study (Cowley)
- Wednesday afternoon
 - Topical presentations
 - Technology, Macro-stability, Transport, Pedestal, Boundary, Energetic Particles, Integrated Scenarios, Diagnostics and Control
 - Reception
- Thursday all day
 - Breakout groups (6)
 - Sign up sheets available
- Friday morning
 - Reports from breakout sessions



Plenary Session Streaming

- All plenary sessions are being streamed to the internet
 - RealPlayer link:
<http://ornlmedia.ornl.gov:8080/RSC.asx>
 - Viewgraphs can be downloaded from links on:
<http://www.burningplasma.org/agenda.html>
- Participants at the workshop must use the microphones
- Remote participants can send questions and comments by email: burningplasma@ornl.gov
 - Will be monitored during the sessions

Streaming made possible by generous financial support of the
US Burning Plasma Organization



Questions

- The program committee has posed six questions for the workshop
 - Goal is to either answer the questions as completely as possible, or formulate a plan to answer those that need to be addressed further
 - Each breakout group should develop its own answers
- 1. What major BP-related developments (in theory, modeling, experiment and technology) have occurred in this area since the Snowmass 2002 study?
- 2. What issues remain to be resolved for a successful BP experiment in ITER?
- 3. What are the consequences of resolving these issues, or not, in the next ~10 years?
- 4. What issues should be resolved by a successful BP experiment?
- 5. What contributions can/should the U.S. fusion program make to resolving these issues?
- 6. How should the BPO be structured to best help the community make these contributions?



Workshop Products

- All plenary talks, and breakout group presentations will be available on the burningplasma.org website
 - Breakout group summary presentations (Friday morning) will also be available
- After the workshop, breakout groups will generate short written summaries
 - Coordinated by breakout co-leaders



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Workshop held under the auspices of the
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