

# FNST / PFC / Materials / FNSF Meeting (s)

August 2-6, 2010 at UCLA

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## Welcome All Participants to UCLA

If there is anything we can do to make the meeting more effective or to help you with any special request, please let Allison / Arnaud / Carrie or any of us know.

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### Highlights of the Meeting(s)

- Annual FNST Meeting
- Annual PFC Meeting
- Joint sessions on FNSF (Tuesday and Wednesday AM)  
*(FNST, PFC, Materials, and key people from the plasma and broader communities with direct interest in FNSF)*
- Special Session Tuesday 10 a.m. on OFES Development Pathway Activities
- Joint PFC/MASCO session on Tungsten Issues (Thursday AM)
- Poster Session for SBIR/STTR Thursday PM
- “Optional” tour of UCLA facilities in STRB Thursday 3-5 p.m.
- MASCO Meeting Thursday PM and Friday AM

# FNST Annual Meetings

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- The annual FNST meetings provide opportunity to:
  - Review progress and directions for FNST R&D
  - Discuss current issues of common interest
  - Enhance interactions among scientists in various technical areas

*It is normally attended by all scientists in Plasma Chamber, Tritium, and Safety and key scientists from the Materials and PFC programs.*

- From 1999 to 2003, more emphasis was given to innovative and high power density concepts (liquid walls and advanced solid walls) in the framework of APEX.
- From 2004 to 2007, a larger part of the meeting was focused on ITER-TBM.
- In the past two years (2008-2009) a significant part of the meeting was devoted to FNSF mission, role, testing strategies, and possible design options. The FNSF sessions participants included FNST scientists, key people from the physics communities, and teams exploring FNSF (particularly GA and ORNL teams).

# This FNST Meeting August 2-4, 2010

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- Because of the community interest in the joint FNSF sessions, we shortened the FNST R&D progress reports sessions (including TBM) to one day Monday.
  - Apologies for those we had to eliminate or shorten their talks.
  - We will plan a specialists meeting for details of technical progress this Fall or early Winter.
- The FNST community is a very strong participant in the FNSF joint sessions Tuesday and Wednesday AM.
  - The FNST community views the principal mission of FNSF as testing and development of fusion nuclear components. It is the first facility in which an “integrated fusion nuclear environment” will become available. The FNST community proposed, explored and advocated FNSF for the past 25 years.