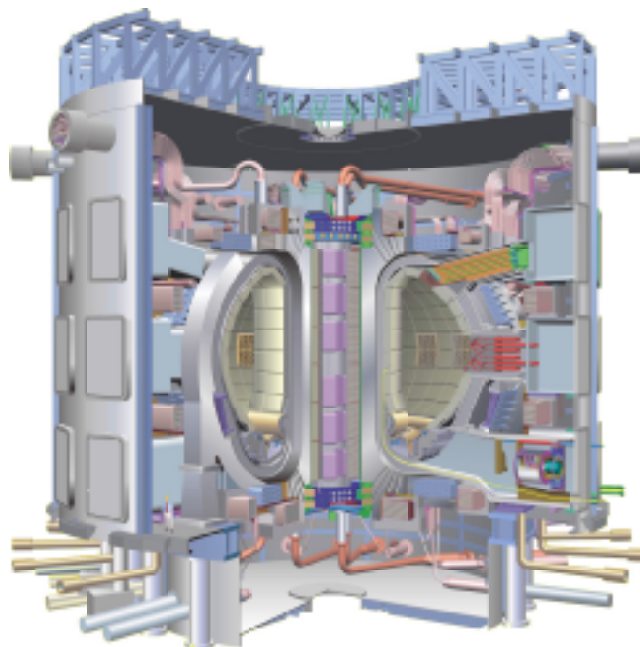
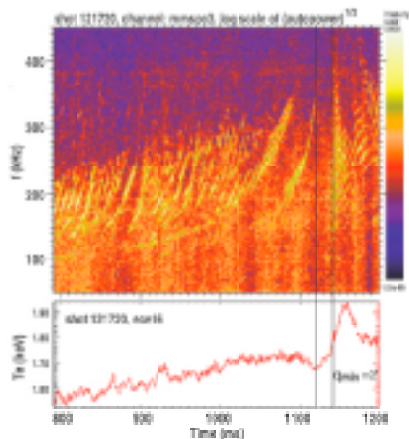
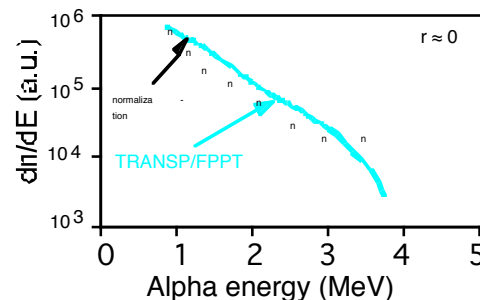
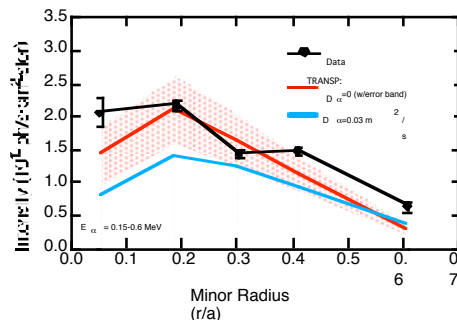


So, Where Do We Go From Here?

U.S. BURNING PLASMA ORGANIZATION

Science & Technology Development today...



R. J. Fonck
Burning Plasma Workshop
 ORNL, Dec. 9, 2005

... for Burning Plasmas to come!



First Thoughts...

U.S. BURNING PLASMA ORGANIZATION

- THANKS for all the help!

Program Committee (Earl Marmar - Chair)

Local ORNL Staff (Nermin Uckan - Chair)

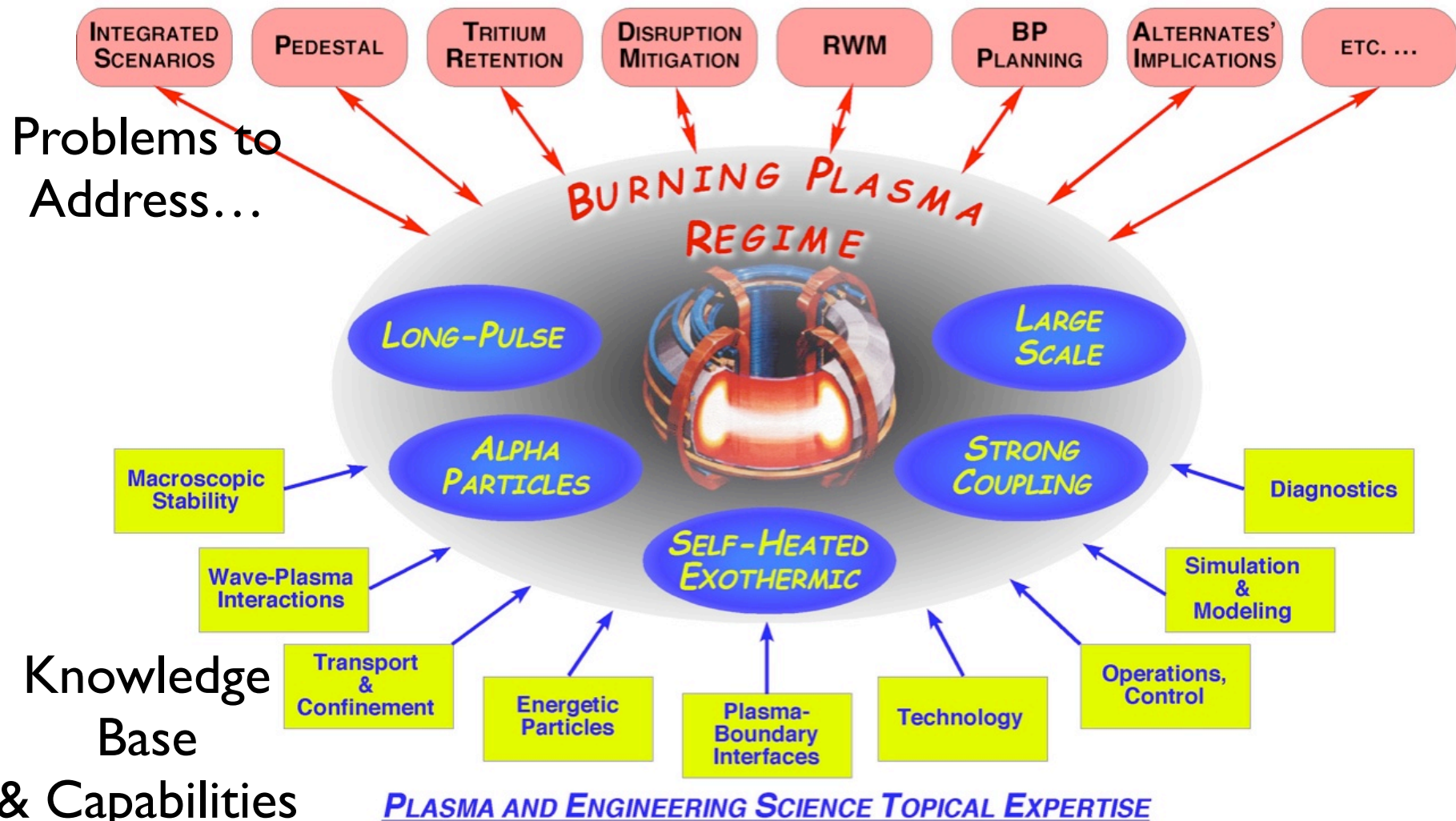
Plenary Speakers & Breakout Leaders



USBPO: Help Apply Community Activities & Expertise to BP-Relevant Issues

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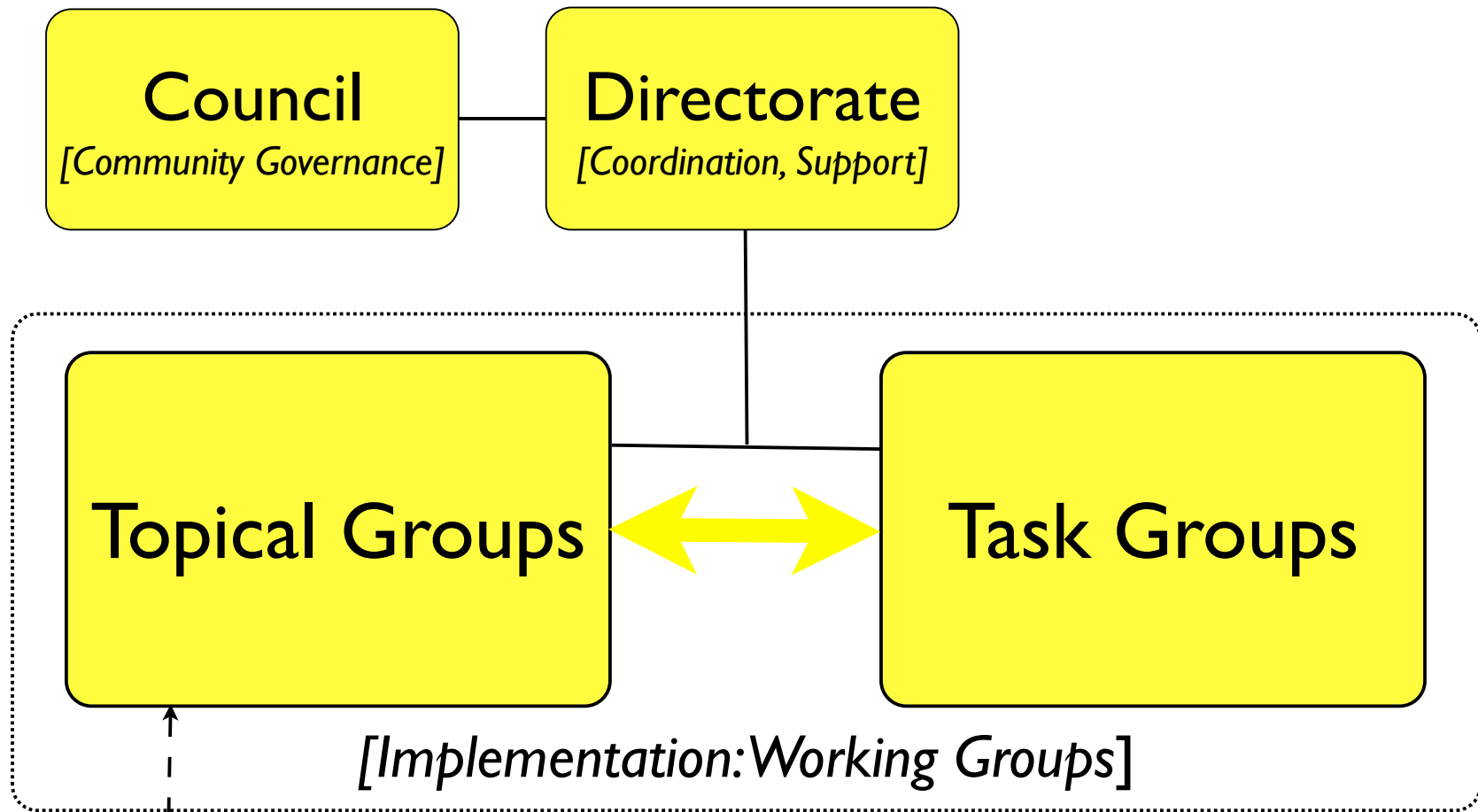
USBPO CAMPAIGNS, TASKS (E.G.)





USBPO Comprised of 3 Elements

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Execute Tasks using Cross-Cutting Expertise in Community

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	<i>Tasks (examples only!)</i>						
<i>Topical Expertise</i>	<i>Integrated Scenarios</i>	<i>Pedestal</i>	<i>Tritium Retention</i>	<i>Disruption Mitigation</i>	<i>RWM</i>	<i>Radiative Divertor</i>	<i>etc. ...</i>
<i>Macroscopic Stability</i>	X	X		X	X	X	?
<i>Wave-Plasma Interactions</i>	X			X			?
<i>Transport Confinement</i>	X	X	X			X	?
<i>Energetic Particles</i>	X		X	X			?
<i>Plasma-Edge-Wall</i>	X	X	X	X		X	?
<i>Technology</i>	X		X	X	X	X	?
<i>Operation Scen. Control</i>	X			X			?
<i>Simulation Modelling</i>	X	X		X	X		?
<i>Diagnostics</i>	X	X	X			X	?



First-cut Structure: USBPO Comprised of 3 Elements

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- Topical and Task Groups: Working Groups
 - Topical Group = expertise resources; charter Task Groups; standing group
 - Task Group = address specific charge; deliverable; usually short-term
- Council: Community governance of activity
 - Set Policy; oversight and guidance of activities; community input
- Directorate: Implement and Manage activities
 - Facilitate discussion, participation, and execution of BP research activities
 - Report progress and advocate BP research activities
 - Group leaders comprise managing group



Use Communications Tools to Advance BPO Activities

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- Support scalable remote communications
 - Shared File servers
 - e-mail list servers
 - Audio-conferencing with white-board sharing
 - Video-conferencing + interactive white-board
 - Bulletin Boards
- Facilitate/enhance communication on BP activities in US
 - Web site; e-mail lists - www.burningplasma.org
 - e-News
 - National BPST seminar (bimonthly)
 - Sponsored workshops as needed
- Other ideas?



USBPO Status: Moving into Organization Phase

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- Increase emphasis on coordination of BP activities
 - What and how - interface with existing activities?
 - Integrate suggestions/input from community discussions and Workshop
 - Community discussions will continue but moderate a bit...
- Establish critical elements
 - Council: Advise on organization development, policy, charter, etc.
 - Suggestions for candidates welcome!
 - Topical Groups
 - Solicit participants and identification of existing BP activities at <http://www.burningplasma.org/>
 - ID initial leadership and associated activities
- 1st organization by '06 Budget Planning Meeting
 - A first cut - will evolve!