Public Information about the 2014 FESAC Strategic Planning (SP) Panel:
Presentation Schedule for 3-5 June
https://www.burningplasma.org/activities/?article=2014%20FESAC%20Strategic%20Planning%20Panel

Dates: 3-5 June, inclusive, 8:30am – 5:30pm
Meeting Hotel: Gaithersburg Marriott Washingtonian Center, 301-590-0044
9751 Washingtonian Boulevard, Gaithersburg, MD. 20878

Tentative Schedule on June 3,4,5 (subject to change based on abstracts received)
"*Heat Fluxes, Neutron Fluences, Long Pulse Length*" [i.e., *Burning Plasma: Long Pulse*]
Tues (12 talks):
Fonck, *Perspectives on 10-Year Planning for the Fusion Energy Sciences Program*
Kessel, *Critical Fusion Nuclear Material Science Activities Required Over the Next Decade to Establish the Scientific Basis for a Fusion Nuclear Science Facility*
Abdou, *Scientific Framework for Advancing Blanket/FW/Tritium Fuel Cycle Systems towards FNSF & DEMO Readiness*
Hill, *Develop the Basis for PMI Solutions for FNSF*
Garofalo, *Leveraging International Collaborations to Accelerate Development of FNSF*
Zarnstorff, *U.S. strategies for an innovative stellarator-based FNSF*
Baylor, *Controlling and Sustainment Technologies that Enable Long-Pulse BP Science*
Callis, *Applied Scientific Research for Blanket and Nuclear Components to Enable Design of the Next-Step BP Device*
Buttery, *Establishing the Physics Basis for Sustaining a High* β *BP in Steady-State*
Prater, *Optimize Current Drive Techniques Enabling S-S Operation of BP Tokamaks*
Harris, *Alternatives and prospects for development of the U.S. stellarator program*
Landreman, *3D theory and computation as a major driver for advances in stellarators*

"*Astrophysical Phenomena, Plasma Control Important for Industrial Applications*"
[i.e., *Discovery Science*]
Wednesday (11 talks):
Drake, R. P, *Challenges and Opportunities in High-Energy-Density Laboratory Plasmas*
Glenzer, *High-Energy Density science at 4th generation Light Sources*
Seidl, *Heavy-Ion-Driven Inertial Fusion Energy*
Schenkel, *Discovery Science with Intense, Pulsed Ion Beams*
Fox, *Lab astrophysics and basic plasma physics with HED, laser-produced plasmas*
Petrasso, *Oppositely directed laser beams at the OMEGA-EP Facility for advancing HED Physics: A Finding & Recommendation of the Omega Laser Facility Users Group*
Ji, *Major Opportunities in Plasma Astrophysics*
Jarboe, *A pre-Proof-of-Principle experiment of a spheromak formed and sustained by Imposed Dynamo Current-Drive (IDCD)*
Kushner, *Science Issues in Low Temperature Plasmas: Overview, Progress and Needs*
Raitses, *Plasma Science Associated with Modern Nanotechnology*
Donnelly, *Ignition Delays in Pulsed Tandem Inductively Coupled Plasmas System*

"*Discovery Science, Advanced Measurement for Validation,*" [i.e., *Discovery Science*]
Thursday (12 talks):

Wurden, *Long-pulse physics via international stellarator collaboration*
Schmitz, *Development of 3-D divertor solutions for stellarators through coordinated domestic and international research*
Krstic, *Multiscale, integrated divertor plasma-material simulation*
Sarff, *Opportunities and Context for Reversed Field Pinch Research*
Mauel, *Multi-University Research to Advance Discovery Fusion Energy Science using a Superconducting Laboratory Magnetosphere*
Ji, *Importance of Intermediate-scale Experiments in Discovery Plasma Science*
Efthimion, *Office of Science Partnerships and Leveraging of Discovery Science*
Brennan, *The Role of Universities in Discovery Science in the FES Program*
Whyte, *Exploiting high magnetic fields from new superconductors will provide a faster and more attractive fusion development path*
Minervini, *Superconducting Magnets Research for a Viable U.S. Fusion Program*
Parker, *RF Actuators for Steady-State Tokamak Development*
LaBombard, *A nationally organized, advanced divertor tokamak test facility is needed to demonstrate plasma exhaust and PMI solutions for FNSF/DEMO*