

Public Information about the 2014 FESAC Strategic Planning (SP) Panel:
Presentation Guidance

<https://www.burningplasma.org/activities/?article=2014%20FESAC%20Strategic%20Planning%20Panel>

The FESAC Strategic Planning (SP) Panel invites all members of the fusion-research and plasma-science communities to submit a white paper expressing a particular scientific topic's status and priorities, as updated from the *2007 Greenwald's FESAC panel report on Priorities, Gaps, and Opportunities*, and a separate white paper expressing that topic's associated initiatives, i.e., new and exciting topic sub-elements of a given program element. Format guidance is provided in the companion document "Public information about the 2014 FESAC Strategic Planning (SP) Panel: White-Paper Guidance".

Each white-paper author, or author-delegate, is invited to submit a **brief (one-page) abstract** and up to **10 slides for a 10-minute presentation** on one of six days of public presentations to the SP Panel. An option for presenting remotely will be available and is encouraged. Logistics for the two 3-day meetings is available on the USBPO website

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Presentation-format guidance is provided here.

Length of each **presentation**, not including questions, is 10 minutes. Animations are discouraged. **Question and answer time** with the panel, up to 20 additional minutes, will follow each presentation.

Portable Document Format (.pdf) should be used for the slides. Each file's size should not exceed 5 Mb. Filename and document title should have the forms FESAC-SPtalkAbstract-*authorname* and FESAC-SPtalkSlides-*authorname*.

Documents should be submitted using the email address **SPwhitepapers@burningplasma.org** so that the message is received simultaneously by Mark Koepke (SP Panel) and by Mark London (USBPO).

All white papers and abstracts received will be posted or linked, for public viewing, on the following web site, where previously published reference documents and public information about the SP Panel can be found. Slides will not be posted in advance and won't be posted without author's permission. The intent is not to post slides.

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Slides should help the presenter address the material described in the second white paper, i.e., prioritizing initiatives in the context of current program priorities, which is the primary purpose of the public presentations to the panel. The balance of the

10 minutes may be used to address the material described in the first white paper, i.e., updating a particular scientific topic's status and priorities. The white papers are considered the primary documents for each topic, whereas the presentation provides an opportunity for author-panel interaction regarding initiatives.

Abstracts for the first 3-day meeting will be accepted until **noon (EDT) Friday 23 May 2014**. Abstracts for the second 3-day meeting will be accepted until **noon (EDT) Friday 27 June 2014**.

Work on the logistics for the June meeting is underway. The panel will meet privately on Monday and Friday, with the public invited on Tuesday, Wednesday, and Thursday 3-5 June and 8-10 July. The tentative abstract categories and the tentative dates associated with each program sub-element are as follows. The agenda will be constructed based on this tentative sequence of sub-elements but adjusted, if possible, to accommodate the requests received. The venue is not yet decided but will be either Gaithersburg, Rockville, or Bethesda, in Maryland, which are accessible by Metrorail (www.wmata.com), in the Washington, DC area.

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 (10 talks): Materials Sci, Fusion Nuclear Sci, Fusion Techn, Adv. Design Studies, Other

"Astrophysical Phenomena, Advanced Measurement for Validation, Plasma Control Important for Industrial Applications" [i.e., *Discovery Science*]
Wednesday (10 talks): Low-Temperature Plasma Science, High-Energy-Density Laboratory Plasmas, Laboratory Astrophysics, Measurement Innovation, Other

"Discovery Science" [i.e., *Discovery Science*]
Thursday (10 talks): Universities, Plasma Science Frontiers, Federal Agencies, International Partnerships, Other, Overflow

Tentative Schedule on July 8,9,10 (subject to change based on abstracts received)

"Prediction and Control" [i.e., *Burning Plasma: Foundations*]
Tuesday (10 talks): 3-International-Asia (EAST, KSTAR, JT-60SA), 3-International-Europe (JET, ASDEX-U, ITER), 1-PPPL, 1-C-Mod, 1-Gen. Atomics, 1-small STs, Other
Wednesday (10 talks): Universities, Federal Agencies (NASA, NSF, DOE-NNSA, DOE-SC, International Partnerships, Other
Thursday (10 talks): Theory and Simulation, Other, Overflow