

PSD Management Meeting

Briefing

M. Wischmeier

Plasma Science for ITER, DEMO and stellarators department → PSD
29th of October 2024





Items

- *PB on October 30th in person for PB members* – agenda <https://indico.euro-fusion.org/event/3244/>
- All PMP other than WP PWIE idm links sent to PB members – most in draft status and not signed by authors yet --> no formal review process started
- Please upload your presentations onto indico by this evening
- We think the structure and focus has improved across all WPs even if we are not yet there overall --> however, we have to concede the extremely short notices from our side and thank for the effort done on all sides ==> we need to improve the timings next year and should keep a "main editor" as suggested by STAC and in the AWP 2025 meeting.
- PLs/TFLs to review work in their work package and **identify work that did not take place in 2024 by mid November** to release the associated resources and request Budget control to move them to 2025
- Regular bi-weekly meetings with PLs still need to be set up by me with Sa/PWIE/W7X



- As discussed in the AWP:
 - Internally started the drafting of a MOU for Collaboration in Fusion Research and Development for mutual benefit and reciprocity --> Coordinators to reach out to PL/TFLs -> at this stage defining for headlines
 - PSD wants to collect a list of activities that relate to ITER inside PSD that map towards the ITER research plan by November 30th:
 - Step 1: Collect modelling for/of ITER across WPs
 - Step 2: Experiments and analysis from 2025 once TE programme is defined – deadline tbd



TE Enhancements & DB & Stellarator Reactor

- PSD/PMU will prepare a survey to be done every 4 months regarding the status of the TE enhancement projects with the aim to follow the overall progress, monitor risks in human resources availability and hardware costs with impact on depreciation (likely similar scheme to the administrative monitoring of TSVVs)
- PSD would like to understand the status of the release of the databases following the discussions at the AWP2025 – we are aware that once set up
- A proposal to derive a document defining the physics gaps towards a Stellarator Reactor by the end of 2025 has been drafted --> PSD is proposing to the PB the allocation of participation resources as discussed at the AWP2025 meeting



Calls / IAEA

- 30th IAEA Fusion Energy Conference 13 – 18 Oct 2025 in China
 - Contributions to the 30th IAEA FEC to be submitted by **Monday 10th February 2025** via e-mail to Duarte.Borba@euro-fusion.org with the Subject “FEC2025_Synopsis”, and each contribution with the file name ‘authorlastname_topic.pdf’.
- Call for participation to the 2025 Tokamak Exploitation (TE) Experimental, Analysis and Modelling campaigns with deadline for response to the call is **Wednesday, 27th November 2024**.
- AF/RK-24-78 - Call for nominations for ITPA Topical Group members
 - Nominations should be submitted ultimately by Friday November 22nd 2024 to Richard Kamendje (richard.kamendje@euro-fusion.org) with copy to Karin Piller-Mutch (Karin.Piller-Mutch@euro-fusion.org).
 - Vacancies:
 - DIAG: 2
 - EP: 3 incl. 1 Stellarator
 - IOS: 3
 - MHD: 1
 - PEP: 2
 - DIVSOL: 1



Agenda of kick-off meeting for BEST RP

1st Meeting of the EU Team of Coordinators of the Joint CN-EU BEST Research Plan, 4-5 November 2024, Garching, Germany

	Monday, 04/11	Tuesday, 05/11
09:00 - 10:20		Session 3: Preparation for the 1st Joint BEST Research Plan Preparation Meeting on 26-29 Nov. 2024 (Hefei) 09:00-09:30 (15:00 - 15:30 Beijing time): Jinping Qian (ASIPP) 'Summary of the current status of the BEST Research Plan' 09:30-10:00 (15:30 - 16:00 Beijing time): Y. Kazakov and J. Qian 'Draft of the agenda of the 1st Joint BRP Preparatory Meeting' 10:00-10:20: contingency
10:20 - 10:40		Coffee break
10:40 - 12:00		Session 4: Discussion * Alignment of the European position and interests in BEST (consolidation of our views on specific topics of interest before the Hefei meeting) * Discussion: What do we want to get out of BEST in terms of physics? Meeting adjourn
12:00 - 13:30	Lunch	Lunch
13:30 - 15:30	Session 1: BEST project and mission & collaboration with EUROfusion 13:30-13:40, D. Borba 'Introductory remarks' 13:40-14:10, M. Wischmeier 'Open physics questions and technology gaps towards EU-DEMO' (perspective from the side of the Plasma Science Department) 14:10-14:40, R. Kamendje 'EU-CN collaboration on BEST' 14:40-15:10, Y. Kazakov 'Overview of BEST engineering and physics designs' (summary of presentations by K. Lu and V. Chan) 15:10-15:30: Expected collaborations between PSD and BEST activities, feedback from the PSD Workpackage Leaders (input from E. Tsitrone, S. Brezinsek, ... if available)	
15:30 - 16:00	Coffee break	
16:00 - 17:30	Session 2: Introduction of the EU Coordinators for the joint CN-EU BEST Research Plan * 10 coordinators * 10-15 minutes for every coordinator: 1-2 slides with their short bio/expertise and 1 slide with a summary of the main topics they want to propose to advance in BEST	
17:30 - 18:00	Contingency	
17:30 - 18:00		
19:00 - ***	Group dinner / social activity (place?)	