WPPWIE Project Meeting 13 - Minutes

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| **Date:** | 03 June 2022 |
| **Time:** | 09:00 to 09:20 (CET) |
| **Venue:** | Online <https://indico.euro-fusion.org/event/2033/> |
| **Version** | **1.0** |

# ****Participants****

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| Name | Role | Initials | Email |
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| Name colour code: green: present, blue: not present | | | |

# Status PWIE (20 min)

**General information by SB:**

Priorities for PWIE in DTE3: LIBS, LID-QMS (would be without Tritium if no DTE3, experiments with T would be important).

5th-6th July FSD Meeting in Frascati. Action: Send bulletpoints/2 slides per SP to add to SBs presentation: highlight topics. Action MR: send email reminder + GA deliverables + Task deliverables 2023 deadline next week Friday

Change request: Transfer PM and experimental days (PSI-2) from SPX to SPB (topics: fuzz formation (+ELM simulation)). SB will prepare (July-August).

PB date not fixed (October). Type of PB (involve PLs?) is not decided yet. SB: PLs should be asked about the parameters of the PB as well.

ADC Meeting in Frascati 1 week after FSD meeting: Discussion about IDTT, preparation of research plan: Seems no PWI topics included so far. Focussed on MHD, transport… SB made point to include PWI.

Joint FSD-FTD meetings were discussed: Joint meetings typically about DEMO questions, in future also move the topics a bit into PWI directions. Antti selected as WPTE representative.

Researcher grants: Guido Lange: up to now only focused on high level research quality focused on fusion. Wish is to now have second focus on high level topics in WPs. List 6-7 topics and add to call. SB is against it and wants to keep call more open.

# Reports form SPs (10 min)

**SP B:**

Not much updates in the last two weeks. Preparation of PSI Contributions is ongoing.

SB: ITPA meeting participated, talk of Christian Grisolia, with CEA logos but EUROfusion not mentioned. EUROfusion support should be indicated.

SB: Participated in TE meeting: Major delay in WEST. Consequences for tile analysis? Reduce resources for post mortem? Transfer to other tasks or CEA Tritium lab? AH: 2022 is fine (C4 samples), issue for next year, but still enough samples available for first 6 months of 2023

**SP E:**

JL: Delays with shipping of tungsten components (1 set of Langmuir probes). Matej Meyer tungsten lamella analysis not possible in MPG, shipping to Lissabon delayed. Tile 0 and 1 for IBA to be shipped in June. TOF/ERDA analysis of tile 4 samples (Moly transfer from tile 3 to tile 4) Moly visible on tile 4. Interesting for modelling.

SB: PSI Presentation from Henry (VTT) claims charge exchange from outer divertor is main source for polluting the plasma. High energies/erosion in tile 6? SB doubt for normal operation. Include this topic in joint meeting or make separate meeting? Important topic as it is not included in tungsten lifetime predictions.

# End of the meeting

The meeting on June 17th will be skipped because of PSI and holiday bridge day. The meeting on 1st of July without SB because of holidays.

# Actions

Actions list status 01/07/2022

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| Nr | Action | Who | Status/deadline |
|  |  |  |  |
| 13-1 | Send bulletpoints / 2 slides per SP to add to SBs presentation: highlight topics. | SPLs | Done |
| 13-2 | Send email reminder + GA deliverables + Task deliverables 2023 deadline next week Friday | MR | Done |
| 13-3 | Prepare transfer of PM and experimental days (PSI-2) from SPX to SPB | SB | Ongoing |
| 13-4 | Check Pinboard for contributions from us and check / organize rehearsals. | SPLs | Ongoing |