



EUROfusion

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Call for Experimental Proposals for the Tokamak Exploitation Work Package for 2025

Dear Colleagues,

The Work Package Tokamak Exploitation (WPTE) is launching a new Call for Experimental Proposals to address the objectives of Mission 1 (Plasma Regimes of Operation) and Mission 2 (Heat Exhaust System), in support of preparing ITER operation and guiding the DEMO design.

In 2025, WPTE will have experimental time on four devices: **ASDEX-Upgrade, MAST-U, TCV and WEST**. Please note that this call is **only for experimental proposals** on these four devices. Participation time to the 2025 experimental campaign and the related analysis and modelling activities shall be provided through a separate WPTE Call for Participation, expected to be launched in October 2024.

I invite you to submit experimental proposals for the WPTE programme in 2025 using the wiki pages provided by WPTE. The deadline for the submission of the proposals is set on **Friday 11th of October 2024**.

In continuity with 2024, the integrated structure of the WPTE programme into 9 **Research Topics** (RT) is maintained. The associated Research Topic Coordinators are also maintained for 2025.

WPTE strongly supports the submission of well-structured proposals where the focus is on carrying out integrated experiments on multiple devices to address the scientific objectives defined for the RT (see Annex 1). Proponents should take into account the past achievements and results already obtained as well as the specific features of the contributing devices (see Annex 2) when elaborating a new experimental proposal and are encouraged to specially make use of the upgrades available in 2025.

Proposals supporting R&D issues in link with the new ITER baseline (see corresponding reference documents on the WPTE wiki page of this Call) are strongly encouraged. Proposals that will aim to make use of the 4 EU devices in this call (ASDEX-Upgrade, MAST-U, TCV and WEST) to address the preparation for the scientific exploitation of JT-60SA are also welcome.





The interested scientists are provided with the following documents:

- Annex 1: A list of WPTE Research Topics for 2025 and their scientific objectives.
- Annex 2: An overview of the capabilities of each device and upgrades foreseen for 2025.
- Annex 3: An overview of the machine schedules in 2025.
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In addition, proponents are provided with a number of useful background documents on the call 2025 WP TE wiki page.

Please note the following guidelines:

- WP TE encourages the proponents to **discuss within and across Research Topics** in advance of the deadline to avoid duplication and to use the machine time available in the best possible way through combined and coherent proposals.
- The proposals should consider the **machine operational boundaries** and the **diagnostic capabilities** (Annex 2) together with the machine schedules (Annex 3).
- Proposals for **multi-machine experiments** making the best use of specific capabilities of WPTE devices are encouraged when applicable.
- Proposals supporting the **new ITER baseline** should explicitly mention the R&D issues addressed by the proposal, using the ITER reference documents provided on the 2025 call WP TE wiki page as a basis.
- Experimental proposals derived from **TSVV activities** aiming at undertaking benchmarking or validation exercises against experimental data are encouraged.
- Proposals already submitted in 2024 and ranked as P1_2025 (list available on the wiki-page) should be **resubmitted** and will be re-evaluated with respect to progresses in 2024 and the new proposals.

Experimental proposals should be submitted via the wiki template available at:

[https://wiki.euro-fusion.org/index.php?title=WPTE_wikipages: Call for proposals 2025](https://wiki.euro-fusion.org/index.php?title=WPTE_wikipages:_Call_for_proposals_2025).

You will find guidelines to fill out the proposal template at the top of the wiki page. In order to access this wiki, an IMS account is needed. If you do not have one, please send a request using the link:

<https://ims.euro-fusion.org/CreateUsers/index>.

The discussion and further elaboration of the Research Topics will take place in a dedicated **WPTE Programme Meeting which is currently foreseen in November 2024** (dates to be confirmed).

During this Programme Meeting the experimental proposals will be presented and evaluated by the WPTE Task Force Leaders together with the RT Coordinators.



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Should you have any questions regarding the present call, please contact the WPTE Task Force Leaders, see WPTE wiki page:

https://wiki.euro-fusion.org/wiki/WPTE_wikipages:_Tokamak_Exploitation_Work_Package.

For any question related to this process, you can contact the PMU WPTE Coordinator, Sara Moradi at sara.moradi@euro-fusion.org (see also contact info on the wiki pages).

I look forward to receiving proposals from the colleagues of your institutes by **October 11th, 2024** and I thank you for your continuous support to the EUROfusion programme.

Yours Sincerely,

Ambrogio Fasoli
Programme Manager

Encs.

Annex 1: A list of Research Topics and Scientific Objectives for the 2025 campaign

Annex 2: An overview of the capabilities of WP TE devices for 2025

Annex 3: An overview of the machine schedules in 2025

