



To: The Members of the General Assembly

Dear colleagues,

CALL FOR PARTICIPATION TO THE 2024 TOKAMAK EXPLOITATION (TE) EXPERIMENTAL, ANALYSIS AND MODELLING CAMPAIGNS

I invite you to submit proposals for participation to the Work Package Tokamak Exploitation (WP TE) experimental campaigns in 2024, to be carried out in AUG, TCV, MAST-U and WEST, as well as associated data analysis and modelling work.

In addition to work related to the WP TE devices running in 2024, a particular emphasis will be given to the analysis and interpretative modelling of the JET campaigns C45, C46 (DTE3), C47 and C45B. The continuation of work related to the JET DTE2 campaign is also welcome. Dedicated meetings will be organized by the Task Force to coordinate the JET analysis and modelling tasks. Finally, specific tasks for the validation of JET data are also included.

The deadline for your response to the call is **Friday, 15th December 2023**.

The interested scientists are provided with the following documents:

- **Annex 1:** the list of research topics (RTs) for the WP TE campaigns with their respective objectives together with an indicative fraction of operational time on AUG, TCV, WEST and MAST-U (note that this allocated time is subject to changes). In addition, this list also includes: the name of the pre-selected Research Topic Coordinators, the contact Task Force Leaders, and the list of competences to refer to in answering the call. **Interested participants should read this document carefully before entering their details into IMS and should refer to the scientific objectives assigned to the RTs when elaborating their work-plan.**
- **Annex 2:** an updated version of the 2024 schedule for all the devices participating to this call: AUG, TCV, WEST and MAST-U.
- **Annex 3:** guidelines on how to use IMS. Note that the WP TE call under the IMS system is for all machines (not divided per machine!) and further information regarding the usage of the IMS system can be provided by the Programme Management Unit (PMU), Sara Moradi: Sara.Moradi@euro-fusion.org.

The following guidelines should be kept in mind when replying to this call:

- The **Research Topic Coordinators (RTCs)** (who have been pre-selected following the response to the Call for Proposals) need to apply to this Call for Participation. A total participation of more than **2 person months per year** is strongly recommended to include the analysis and modelling after the experiments (see annex 2). Please note that 1 person month equals 17.5 days (210 days in 12 months).



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- Focussing participation on a restricted number of RTs with a total participation (including home lab work) in the WP TE programme of **at least 1 person month per year** is strongly encouraged.
- Proposals for participation addressing issues raised by the **ITER new baseline** (see for instance the document listing R&D issues to be investigated [here](#)), as well as for **extrapolating findings from present WP TE devices** to next step fusion devices, such as ITER and DEMO, are encouraged .
- On-site visits outside the experimental EUROfusion weeks can also be accepted on a case-by-case basis via a **mission** application and will be considered according to the mission guidelines published on the WPTE wiki.
- Note that participants to the JET campaigns analysis are encouraged to propose **on-site days at JET**, as dedicated meetings will be organized by the Task Force at the JET premises in the course of 2024.

Should you have any question related to this process, you can contact the PMU: [Sara Moradi](#), and the WPTE Task Force Leaders using the TE-TFLs generic address TE-TFLs@euro-fusion.org. You can also visit the WP TE wiki pages:

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

We also remind you that you can subscribe to the WP TE task force mailing list from this website.

I am looking forward to a strong involvement of your Research Unit in the use of the WP TE facilities under EUROfusion for 2024 experimental campaigns.

Yours sincerely,

Prof. dr. A.J.H. Donné
Program Manager / CEO
EUROfusion

Administrative and Scientific Contact Persons, WP TE Contact Persons, EUROfusion Project and Task Force Leaders, EUROfusion Programme Management Unit

Encl:

- Annex 1: WPTE programme in 2024: Overview of research topics, time machine allocation and categories of required competencies
- Annex 2: Provisional schedule of the campaigns on the WPTE devices and associated operational boundary conditions.
- Annex 3: IMS guidelines for answering the WP TE call for participation for the 2024 campaigns.

