



EUROfusion

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To the Members of the General Assembly

CALL FOR PROPOSALS FOR THE UPCOMING WENDELSTEIN 7-X EXPERIMENTAL CAMPAIGNS OP 2.2 AND OP 2.3

After a short but intense maintenance phase at the Wendelstein 7-X stellarator, the scientific program planning for the upcoming operation campaigns OP 2.2 and OP 2.3 early 2024 will start. The available ECRH power is expected to increase to 8MW. NBI operation with four injectors and a total injected power of 8MW, and the new ICRH system with a power of up to 1.5MW are foreseen. The reliability of the device and diagnostics systems has improved, particularly towards long-pulse operation. The heating energy limit will increase to 2GJ per discharge. Also a new steady state pellet injector system is expected to be available.

The operation schedule has been revised such that OP2.3 will take place shortly after the end of OP2.2. Because of this, experiments for both OP2.2 and OP2.3 are being planned together now. The upcoming scientific phase of the operation campaign OP2.2 is scheduled for the period from Sep. 2024 to Dec. 2024. A short maintenance phase will follow, after which OP2.3 will take place from Feb. 2025 to May 2025.

For the preparation of the experimental programme of OP 2.2 and OP 2.3, I am pleased to invite you to submit experimental proposals. Submission of proposals will be possible in the period from February 1st to 29th, 2024.

Please note that proposals submitted prior to OP2.1 will not be considered for the upcoming campaigns. For proposals with objectives that were not fulfilled in OP2.1, proponents are kindly asked to submit new proposals to fulfil the remaining objectives.

Proposals should be submitted via the web interface:

<https://www.ipp.mpg.de/4144445/proposals>

To access the web interface, authentication with your IPP credentials is required. In case you plan to submit a scientific proposal and you are not yet a member of the W7-X Team, please contact the scientific task forces or the programme leader prior to the proposal submission period:





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Programme leader	Olaf Grulke (IPP)
EUROfusion WPW7X TFL	Andreas Dinklage (IPP)
Task Force	Leaders
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I - Core scenario development	Andreas Langenberg (IPP) Felix Warmer (IPP)
II - Edge scenario development	Kenneth Hammond (PPPL) Dirk Naujoks (IPP)
III - Wendelstein 7-X optimization	Daniel Carralero, Arturo Alonso (CIEMAT) Carsten Killer (IPP)

All experiment proposals will undergo a review process. Proposals will be selected and prioritized based on scientific quality and the alignment with the programmatic goals, which are unchanged compared with OP 2.1 and were published by the task forces (<https://www.ipp.mpg.de/4144445/proposals>). The resulting scientific programme will be presented and discussed at the **programme workshop taking place April. 24th and 25th, 2024 at IPP Greifswald**. Remote participation will be provided. Detailed information about the programme workshop will be distributed in due time.

After approval by the W7-X International Programme Committee, the final scientific programme for OP 2.2 and OP 2.3 will be published on the W7-X internal information platforms.

We are looking forward to receiving many interesting proposals.

Yours sincerely,

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

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

