



Minutes TJ-II access committee

March 1st 2019

Members present by video-conference: Dolores Calzada (Córdoba University), Carlos Silva (IPFN, Lisbon), Monica Spolaore (Consorzio RFX, Padova)

Members present at CIEMAT: Teresa Estrada (CIEMAT), Kieran McCarthy (CIEMAT), Carlos Hidalgo (CIEMAT),

Carlos Hidalgo welcomed all participants and explained that the TJ-II stellarator facility has offered up to 30% of its experimental time as competitive external access for the 2019 Spring experimental campaign (approximately 10 out of 32 experimental sessions).

The received proposals cover a wide range of relevant research goals that are fully in line with the priorities of the Eurofusion S1 (stellarator) work programme. External proposals are led by collaborators from Europe, Russia, Ukraine, Japan and China [see table 1].

Carlos Silva asked about time slots for external proposals. Carlos Hidalgo explained that outside proposers usually request access during a time-window that TJ-II/Ciemat then honours. Monica Spolaore asked about ~~the~~ financial support of the proposals. Teresa Estrada and Carlos Hidalgo explained that the TJ-II operational time, fully in line the Eurofusion S1 work-programme, is supported by TJ-II / CIEMAT funds. Kieran McCarthy asked about priorities in case of having a reduction in the number of TJ-II operational days. It was agreed that the sessions awarded to external collaborators will have first priority.

Proposals were briefly discussed and unanimously approved by the committee.

Ciemat will provide a short report on the experimental time awarded to competitive external access at the end of the campaign.



External proposal for the TJ-II 2019 Spring campaign	Principal Investigator	Funding source	Sessions awarded
<u>Influence of isotope mass and heating scenario on the amplitude and radial width of Zonal Flows</u>	T Kobayashi (NIFS, Toki, Japan) Bing Liu (ENN, Hebei, China)	NIFS/ENN	2
<u>Turbulence spreading and ECRH modulation experiments in the TJ-II stellarator</u>	G Grenfell (RFX Padova, Italy)	Eurofusion WPS1	1
<u>Poloidal 2D scans to investigate potential and density profiles in the TJ-II stellarator using dual Heavy ion beam probe diagnostic</u>	A Melnikov (Kurchatov Institute, Moscow, Russia) and O. Kozachek (Kharkov Institute of Technology, Ukraine)	Eurofusion WPS1	2
<u>Searching for zonal fields and zonal flows driven by fast particles in TJ-II</u>	A Melnikov (Kurchatov Institute, Moscow, Russia) and O. Kozachek (Kharkov Institute of Technology, Ukraine)	Eurofusion WPS1	1
<u>Influence of edge radial electric fields on particle and heat transport in the SOL</u>	I Nedzelskiy, (IST, Lisboa, Portugal)	Eurofusion WPS1	2
<u>Observation of suprathermal ions with Neutral Particle Analyzers during electron cyclotron heating in the TJ-II stellarator</u>	J. M Fontdecaba (JET / CIEMAT)	Eurofusion WPS1	1

Table 1.