



# EUROfusion

PROGRAMME MANAGER OFFICE

EUROfusion · Boltzmannstr. 2 · 85748 Garching · Germany

PROGRAMME MANAGEMENT UNIT

**Prof. dr. A.J.H. Donné**  
Programme Manager

**To: Members of the General Assembly**

Phone: +49 89 3299-4242/4201  
Fax: +49 89 3299-4299  
Tony.Donne@euro-fusion.org

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Dear Colleagues,

**Subject: JET Data Centre available for use by the EUROfusion community as of Monday 21<sup>st</sup> February 2022**

As you may recall, the Contract for the Operation of the JET Facilities (JOC) foresaw a series of actions in preparation for future JET Data Access, Analyses and Archiving (DA3), including:

- the arrangements for the long-term storage of and access to JET data; and
- the arrangements for long-term storage of documents.

Upon request by the European Commission, the Operator (of the JET Facility) and the JET Exploitation Unit (JEU) developed and implemented at the time, through the DA3 project, a plan to deliver these actions in advance of an anticipated completion of JET operation. In order to have uninterrupted access to JET data and documents at the transition to the end of JOC, a “JET Data Centre” has been developed and tested in parallel to the operation of JET. As a result of a call for hosting the JET Data Centre (JDC), UKAEA was selected as the EUROfusion Beneficiary with the infrastructure and technical capabilities for providing the required services.

The importance of the JET data to ongoing EUROfusion work is well understood, and is more than ever higher profile following the recent record-breaking DT results.

I am, hence, very happy to inform you that the JDC has been officially declared as available for use by the fusion community as of Monday 21<sup>st</sup> February 2022. This was confirmed at the final meeting of the DA3 Project Board that oversaw the project to implement it.

I wish to remind you that UKAEA has been the custodian and curator of the JET data since the first pulses in 1985 and has ensured continuity of access to all the data throughout many decades of changes. UKAEA has now provided a well-defined data centre that can continue for many years beyond the end of JET’s operational lifetime and has been selected to be the ongoing host. The data centre comprises physical infrastructure, software and surrounding services. UKAEA teams will continue to provide user advice, support, maintenance and development as required. I am confident their track record and capability will ensure the success of this facility.





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The JDC provides direct remote data access to the most important experimental data as well as many more data access and analysis tools on the Heimdall analysis cluster.

The JDC maintains access to a much broader range of other JET information that may be of ongoing practical use or historical interest. The main categories are:

- JET Experimental Data - Raw and processed scientific and technical data from experiments, video and audio files
- Machine configuration data - configuration data and meta-data for the JET vessel, systems and diagnostics
- JET operational information - scientific, technical and administrative logs and summaries
- Documentation and configuration information - computing infrastructure information for users and maintainers; technical logs & monitoring data
- Documents and records - shared document folders for JET projects and activities; paper archive of technical and administrative documentation

Staff working at EUROfusion Beneficiaries and Affiliated Entities, as well as others covered by collaboration agreements can request a JDC account giving access to these services – details are given at: <https://users.jetdata.eu>. Those who had existing JET accounts should already have a JDC account provisioned for them.

Yours sincerely,

Prof. dr. A.J.H. Donné  
Programme Manager

cc:

Christ Ibbott, David Maisonnier, Fernanda Rimini, Jo Milnes, Volker Naulin, Emilia Genangeli, Richard Kamendje

