

Session Program

9–12 Sept 2025

Sixth IAEA Technical Meeting on Fusion Data Processing, Validation and Analysis

Information Retrieval and Visualisation

Fudan University, Shanghai, China, Auditorium Hall HGX 102 (Guanghua Twin Tower)
220 Handan Road, Yangpu District, Shanghai, China 邯郸路 220 号 复旦大学

Wednesday 10 September

14:00

Information Retrieval and Visualisation

Session |
Location: Fudan University, Shanghai, China, Auditorium Hall HGX 102 (Guanghua Twin Tower), 220 Handan Road, Yangpu District, Shanghai, China 邯郸路 220 号 复旦大学 |
Convener: Geert Verdoolaege

14:00–14:25

Innovative Applications of Visualization Technologies for Scientists and the Public in Magnetic Confinement Fusion

Speaker
Zixi Liu

14:25–14:50

In-pulse data analysis at ITER: evaluating workflow managers and 3D visualization tools

Speaker
Paulo Abreu

14:50–15:15

JDDDB: A Flexible and Extensible Data Processing Framework to Accelerate AI4Fusion Research

Speaker
Wei Zheng

15:15–15:30

Initial development of web interface and user access control of IMAS databases

Speaker
Xiang Liu

15:30

Friday 12 September

09:50

Information Retrieval and Visualisation

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09:50–10:15 Development of the IMAS Data Model Towards an Open Standard for Fusion Data

Speaker

Olivier Hoenen

10:15–10:40

Global Data Sharing: A Comparative Study of Pelican and CVMFS for remote access to MASTU and DIII-D data for UFO detection workloads

Speaker

Stephen Dixon

10:40–10:55

The IAEA Fusion Data Lake Project - Accelerating AI and Big Data Applications through Open Science and FAIR Data

Speakers

Daljeet Gahle, Daljeet Singh Gahle

10:55