Session Program

9–12 Sept 2025

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

Next Fusion Device Concepts: Data Challenges and Design Optimization

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

Thursday 11 September

09:00

Next Fusion Device Concepts: Data Challenges and Design Optimization

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: Didier Mazon

09:00–09:30

An optimization method for the ITER Radial X-ray Camera line-of-sight design using on Bayesian uncertainty analysis

Speaker
Tianbo WANG

09:30–10:00

Bayesian Techniques for Design Optimization of Magnetic Diagnostics and Validation on the WEST tokamak

Speaker
Yangyang Zhang

10:00–10:25

Role of Human Inputs in Cross-tokamak Disruption Prediction in Magnetic Confinement Fusion

Speaker
Chengshuo Shen

10:25