

# **Fifth Technical Meeting on Fusion Data Processing, Validation and Analysis**

**Monday, 12 June 2023 - Thursday, 15 June 2023**

**Ghent University, Ghent, Belgium**

## **Topics**

**Next step / new fusion device concepts: data challenges and design optimization**

**Information retrieval, dimensionality reduction and visualisation in fusion databases**

**Integrated data analysis and synthetic diagnostics**

**Inverse problems**

**Analysis of time series, images and video: detection, identification and prediction**

**Uncertainty propagation, verification and validation in modelling codes and data fusion**

**Advances in data science, probabilistic methods and machine learning**