

13th Technical Meeting on Plasma Control Systems, Data Management and Remote Experiments in Fusion Research

Monday, 5 July 2021 - Thursday, 8 July 2021

Topics

Plasma Control

CODAC Control Systems and its Components, Plasma Control Systems, Advanced Software Approaches

Machine Control, Monitoring, Safety and Remote Manipulation

Equilibrium Condition, Transport Simulation, Fast Simulation, Event System

Data Acquisition and Signal Processing

Diagnostics, Data Processing, Image Processing

Database Techniques for Information Storage and Retrieval

Metadata, Post Data Analysis, Multi-site Repositories, Database System

Advanced Computing and Massive Data Analysis

Artificial Intelligence, Deep Learning, Machine Learning, Real-time Diagnostics, Parallel Computing, Real-time MHD Analysis

Remote Experiments and Virtual Laboratory

Remote Participation, Control Tools, Remote Data Analysis and Visualization

Fast Network Technology and its Application

Data Archival and Retrieval, Animation Performance