

Session Program

13–18 Oct 2025

30th IAEA Fusion Energy Conference (IAEA FEC 2025)

Overview Posters (Tuesday through Saturday)

Tuesday 14 October

14:00

Overview Posters (Tuesday through Saturday)

Poster Session | Location: Chengdu, China

[OV POSTER TWIN] Overview of CRAFT project progress

Speaker

Jiangang Li

[OV POSTER TWIN] PROGRESS OF ITER AND ITS VALUE FOR FUSION

Speaker

Pietro barabaschi

[OV POSTER TWIN] Raising fusion readiness by addressing plasma-material interactions and fusion nuclear science with linear plasma devices, an overview.

Speaker

Juergen Rapp

[OV POSTER TWIN] OVERVIEW OF THE MAST UPGRADE PHYSICS PROGRAMME: TESTING NOVEL CONCEPTS AT LOW ASPECT RATIO TO INFORM FUTURE DEVICES

Speaker

James Harrison

[OV POSTER TWIN] OVERVIEW OF THE KSTAR EXPERIMENTS AND FUTURE PLAN

Speaker

YongUn Nam

[OV POSTER TWIN] FIRST JT-60SA PLASMA OPERATION AND PLANS IN VIEW OF ITER AND DEMO

Speaker

Jeronimo Garcia

[OV POSTER TWIN] OVERVIEW OF UKAEA'S INTEGRATED FUSION TECHNOLOGY PROGRAMMES, EMPHASISING A DIGITAL FIRST STRATEGY

Speaker

Rachel Lawless

[OV POSTER TWIN] Overview of DIII-D research towards ITER and future Fusion Power Plants

Speaker

Auna Moser

[OV POSTER TWIN] OVERVIEW OF RECENT EXPERIMENTAL RESULTS ON EAST IN SUPPORT OF ITER NEW RESEARCH PLAN

Speaker

Xianzu Gong

[OV POSTER TWIN] RECENT ADVANCES IN PLASMA CONTROL AND PHYSICS RESEARCH IN THE LARGE HELICAL DEVICE

Speaker

Kenji Tanaka

[OV POSTER TWIN] Results from the last DD and DT JET campaigns in the framework of the EUROfusion Tokamak Exploitation activity

Speaker
Nicola Vianello

[OV POSTER TWIN] OVERVIEW OF ACHIEVEMENTS AND OUTLOOK OF THE IFMIF/EVEDA PROJECT

Speaker
Kazuo HASEGAWA

[OV POSTER TWIN] Strategic plan to demonstrate heatwave-driven laser fusion with fast ignition scheme

Speaker
Yasuhiko Sentoku

[OV POSTER TWIN] Recent advances at the Globus-M2 tokamak

Speaker
Nikolai Bakharev

[OV POSTER TWIN] Progress and innovations in the TCV tokamak research programme

Speaker
Christian Theiler

[OV POSTER TWIN] TOWARDS DIGITAL TWINS OF FUSION SYSTEMS

Speaker
Frank Jenko

[OV POSTER TWIN] OVERVIEW OF STELLARATOR PHYSICS AND ENGINEERING SIMULATION AND MODELING FOR FUSION PILOT PLANT DESIGN AND OPTIMIZATION

Speaker
Randy Churchill

[OV POSTER TWIN] Overview of the DONES Experimental Programme

Speaker
Angel Ibarra

[OV POSTER TWIN] Overview of ASDEX Upgrade results

Speaker
Thomas Pütterich

[OV POSTER TWIN] OVERVIEW OF WEST CONTRIBUTIONS TO THE NEW ITER BASELINE AND FUSION POWER PLANTS

Speaker
Jerome Bucalossi

[OV POSTER TWIN] OVERVIEW OF ST40 RESULTS AND FUTURE: EXPANDING THE PHYSICS BASIS OF HIGH-FIELD SPHERICAL TOKAMAKS

Speaker
Otto Asunta

[OV POSTER TWIN] Overview of Preparation for SPARC Q>1 and Retiring Physics Risks For ARC

Speaker
Jon Hillesheim

[OV POSTER TWIN] Overview of Wendelstein 7-X high-performance operation

Speaker
Olaf Grulke

[OV POSTER TWIN] HL-3 RESEARCH TOWARDS HIGH-PERFORMANCE PLASMA AND POWER EXHAUST SOLUTION

Speaker

Dr Wulyu Zhong

AN OVERVIEW OF THE FIRST EXPERIMENTAL RESULTS WITH DIVERTOR CONFIGURATION DISCHARGES IN THE KTM TOKAMAK

Speaker

Baurzhan Chektybayev

JOREK contributions to the predictive understanding of transient phenomena in future tokamaks and stellarators

Speaker

Dr Matthias Hoelzl

Towards high performance operation of the HSX stellarator

Speaker

Benedikt Geiger

Structural Design of the Negative Triangularity Spherical Tokamak (NTST)

Speaker

Xuesong Ma

Progress of Proton-Boron Research for Fusion Energy in China

Speaker

Dr Bing Liu

Transport in high-performance plasmas of the TJ-II stellarator: From first-principles simulations to experimental validation

Speaker

Jose Manuel Garcia-Regana

CONTROLLED NUCLEAR FUSION FOR THE ENERGY TRANSITION, HEALTH, AND INDUSTRY

Speaker

GERVASONI Gervasoni

THE DIVERTOR TOKAMAK TEST FACILITY RESEARCH PLAN

Speaker

Prof. Piero Martin

UPGRADING DIII-D TO CLOSE THE GAPS TO FUTURE FUSION REACTORS

Speaker

Craig Petty

Overview of EXL-50U Experiments: Addressing Key Physics Issues for Future Spherical Torus Reactors

Speaker

Prof. Yuejiang Shi

ADVANCES IN PHYSICS AND APPLICATIONS OF 3D MAGNETIC PERTURBATIONS ON THE J-TEXT TOKAMAK

Speaker

Nengchao Wang

OVERVIEW OF THE CFETR PROTOTYPE TF COIL

Speaker
Yu Wu

Progress of Research on the KTX Reversed Field Pinch

Speaker
Prof. Ge ZHUANG

The Divertor Tokamak Test project: progress towards the initial operation

Speaker
Prof. Francesco Romanelli

Early Neutron Source IFMIF-DONES: Status and validation activities phase

Speaker
Dr David Jimenez Rey

T-15MD: MISSION AND RECENT EXPERIMENTAL RESULTS

Speaker
Natalia Kirneva

Overview of R&D activities within IFERC in support of fusion development in the context of the Broader Approach Agreement Phase II

Speaker
Masatoshi Yagi

SPHERICAL TOKAMAK PHYSICS RESEARCH IN PREPARATION FOR THE OPERATION OF NSTX-U

Speaker
Stefano Munaretto

RECENT PROGRESS ON THE SUNIST-2 SPHERICAL TOKAMAK

Speaker
Yi Tan

STEP Exhaust System – Architecture and Technology Development overview

Speaker
Dr Songke Wang

18:40