

18th Technical Meeting on Energetic Particles in Magnetic Confinement Systems

Monday, 17 March 2025 - Friday, 21 March 2025

Scientific Programme

The Technical Meeting will include invited and contributed papers (orals and posters). Oral presentations will be followed by poster presentations to enhance topical discussions. It is expected that all talks will be approximately 20 minutes with around ten minutes for discussion.

An International Programme Advisory Committee (see below) consisting of a representative international membership will be responsible for the selection of papers, the arrangements of technical sessions and the overall scientific content of the meeting.

The **International Programme Advisory Committee** is composed of the following members:

Garcia-Munoz, Manuel (Chair) - Spain
Breizman, Boris - United States of America
Cai, Huishan - China
Chen, Wei - China
Fasoli, Ambrogio - Switzerland
Fredrickson, Eric - United States of America
Fulop, Tunde - Sweden
Heidbrink, William - United States of America
Kolesnichenko, Yaroslav - Ukraine
Lauber, Philipp - Germany
Mantsinen, Mervi - Spain
Pinches, Simon - ITER Organization
Sharapov, Sergei - United Kingdom
Shinohara, Kouji - Japan
Todo, Yasushi - Japan
Vlad, Gregorio - Italy

The sessions will be devoted to the following topics:

Alpha Particles Physics

Transport of Energetic Particles

Effects of Energetic Particles in Magnetic Confinement Fusion Devices

Collective Phenomena

Alfvén eigenmodes, energetic particle modes and others

Runaway Electrons

Diagnostics for Energetic Particles

Control of Energetic Particle Confinement

Multiscale Physics and Instabilities involving Energetic Particles in Burning Plasmas