

# **18th Technical Meeting on Energetic Particles in Magnetic Confinement Systems**

**Monday, March 17, 2025 - Friday, March 21, 2025**

## **Scientific Program**

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**