

Session Program

2–5 Sept 2025



IAEA

International Atomic Energy Agency

Technical Meeting on Tritium Breeding Blankets and Associated Neutronics

Topic III

IAEA Headquarters, Vienna, Austria

Thursday 4 September

09:00

Topic III: Session 1

Session | **Location:** IAEA Headquarters, Vienna, Austria | **Conveners:**
Ivo Moscato, Giacomo Aiello, Kecheng Jiang, Paul Humrickhouse, Mr David Rapisarda

09:00–09:40 **The Role of Different Facilities for the Nuclear Qualification of the BB**

Speaker
Giacomo Aiello

09:40–10:20 **Testing and Nuclear Qualification Strategy for CFETR Breeding Blanket**

Speaker
Kecheng Jiang

10:20–10:50 **Coffee break**

10:50–11:20

Progress in the Concept Development of the VNS - A beam-driven Tokamak for Component Testing

Speaker
Ivo Moscato

11:20–11:50 **Overview of Some Planned Blanket Test Facilities in the US**

Speaker
Paul Humrickhouse

11:50–12:20 **The IFMIF-DONES Test Blanket Units**

Speaker
David Rapisarda

12:20

14:00

Topic III: Session 2

Session | **Location:** IAEA Headquarters, Vienna, Austria | **Conveners:** Mark Gilbert, Dmitry Terentyev, Mu-Young Ahn

14:00–14:30 **Irradiation of Be- and Li-Based Materials for Application in ITER TBM**

Speaker
Dmitry Terentyev

14:30–15:00 **The science objectives and basis of the LIBRTI tritium breeding test facility**

Speaker
Mark Gilbert

15:00–15:30 **Test Strategy and Infrastructure for Breeding Blanket Development at KFE**

Speaker
Mu-Young Ahn

15:30–16:00 **Coffee break**

16:00