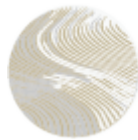


Session Program

Oct 6 - 8, 2025



22nd International Workshop on the Ceramic Breeder Blanket Interactions (CBBI-22)

Modeling & Analysis

Kyoto University Uji campus, Kihada Hall (Obaku Plaza)
Kyoto University Uji campus, Gokasho, Uji, Kyoto, 611-0011, Japan

Wed, October 8

9:10 AM

Modeling & Analysis

Session |
Location: Kyoto University Uji campus, Kihada Hall (Obaku Plaza), Kyoto University Uji campus, Gokasho, Uji, Kyoto, 611-0011, Japan

09:10 – 09:30
Modelling transport of dust particles, and fragmentation estimates in the HCPB-BB of DEMO
Speaker
Dario Passafiume

09:30 – 09:50
Molecular dynamics simulations of helium diffusivity in lithium orthosilicate crystals using a machine learning potential
Speaker
ruijie zhang

09:50 – 10:10
Optimized Design of HCCB Breeding Blanket with Casing Structure for Enhanced TBR in DEMO Reactor
Speaker
Xiaoyong Wang

10:10 – 10:30
Introduction on Tritium Transport Analysis Platform - THETA-FR to Predict Tritium Behaviour in Tritium Breeding Blanket System
Speaker
Yonghee Lee

10:30 AM