

Session Program

13–18 Oct 2025

30th IAEA Fusion Energy Conference (IAEA FEC 2025)

Disruption, RE, Stellarator

Friday 17 October

14:00

Disruption, RE, Stellarator

Session | Location: Chengdu, China | Convener: Sadayoshi Murakami

14:00–14:20

JOREK simulation of injection assimilation and radiation asymmetry during ITER H-mode dual SPIs

Speaker

Di Hu

14:20–14:40

Hybrid kinetic-MHD studies of runaway electron beam termination events

Speaker

Hannes Bergström

14:40–15:00

MODELLING OF MILDLY RELATIVISTIC RUNAWAY ELECTRONS –DEVELOPMENT OF REDUCED-KINETIC MODEL AND VALIDATION IN KSTAR OHMIC STARTUP

Speaker

Yeongsun Lee

15:00–15:20

A novel method to optimize omnigenity like quasisymmetry for stellarators

Speaker

Caixiang Zhu

15:00–15:20

Piecewise omnigenous fields: a radically new family of optimized magnetic fields for stellarator reactors

Speaker

Dr Jose Luis Velasco Garasa

15:40