

**Session Program**

**13–18 Oct 2025**

**30th IAEA Fusion Energy Conference (IAEA FEC 2025)**

***Disruption & RE***

## Thursday 16 October

14:00

### Disruption & RE

Session | Location: Chengdu, China | Convener: Dr Jayhyun Kim

14:00–14:20

#### FIRST DEMONSTRATION OF DISRUPTION AVOIDANCE BY REAL-TIME PHYSICS-BASED DISRUPTION EVENT CHARACTERIZATION AND FORECASTING ON KSTAR

Speaker

Steven Sabbagh

14:20–14:40

#### Thermal quench dynamics and heat flux distribution during massive-impurity-injection triggered disruption in EAST

Speaker

Dr Long Zeng

14:40–15:00

#### Characterization of runaway impact on instrumented sacrificial limiters on DIII-D

Speaker

Eric Hollmann

15:00–15:20

#### ANALYSIS AND SIMULATION OF EFFECTIVE RUNAWAY ELECTRON MITIGATION USING A PASSIVE COIL IN J-TEXT TOKAMAK

Speaker

Chang Liu

15:20–15:40

#### Changes in disruption dynamics during the first operation of a Runaway Electron Mitigation Coil (REMC) on a tokamak

Speaker

Jeffrey Levesque

15:40