



# Third Technical Meeting on Plasma Disruptions and their Mitigation

## Wednesday, 4 September 2024

### Mitigation - Council Room (10:55 - 12:25)

-Conveners: Eric Nardon

time	[id] title	presenter
10:55	[114] Overview of the ASDEX Upgrade shattered pellet injection studies	HEINRICH, Paul
11:35	[90] Thermal Energy Mitigation and Toroidal Peaking Effects in JET Disruptions	STEIN-LUBRANO, Benjamin
12:00	[89] Pellet Size Optimization for the ITER SPI	SHEIKH, Umar

### Mitigation - Council Room (15:00 - 16:05)

-Conveners: Nicholas Eidielis

time	[id] title	presenter
15:00	[103] The Effect of Externally Applied and Self-Excited Waves on Relativistic Electrons	BATTEY, Alexander
15:40	[94] Effect of Electron Cyclotron Waves on Plasma with Runaway Electrons	ALEYNIKOV, Pavel

### Mitigation - Council Room (16:25 - 17:40)

-Conveners: Nicholas Eidielis

time	[id] title	presenter
16:25	[63] Plasmoid drift and first wall heat deposition during ITER H-mode dual-SPIs in JOEKE simulations	HU, Di
16:50	[88] Pellet fragmentation process in the context of the SPI technology for the ITER DMS: analysis of the fragment characteristics supported by numerical simulations and image diagnostics of shatter tests	MATURA, Pascal SIGNETTI, Stefano
17:15	[91] Shattered Pellet Technology and related developments at the ITER DMS support laboratory	ZOLETNIK, Sandor

# Thursday, 5 September 2024

## **Mitigation - Council Room (09:00 - 10:30)**

-Conveners: long zeng

time	[id] title	presenter
09:00	[79] Assimilation of deuterium into relativistic runaway electron beams and the implications for benign terminations in present devices, ITER, and future devices	HOLLMANN, Eric
09:40	[84] Runaway mitigation and safe termination during startup and disruptions	TANG, Xianzhu
10:05	[102] Preparing disruption solutions for tokamak power plants	SWEENEY, Ryan

## **Mitigation - Council Room (10:50 - 12:00)**

-Conveners: long zeng

time	[id] title	presenter
10:50	[108] Disruption mitigation in tokamak by Fast Gas and Macroparticles Injection	SAVRUKHIN, Petr
11:15	[117] MIT Discussion	NARDON, Eric