



# Third Technical Meeting on Plasma Disruptions and their Mitigation

## Thursday 5 September 2024

### Consequences - Council Room (15:15 - 16:20)

-Conveners: Fabio Villone

| time  | [id] title   | presenter            |
|-------|--|----------------------|
| 15:15 | [113] Modelling of runaway electron – induced PFC damage   | RATYNSKAIA, Svetlana |
| 15:55 | [77] Characterization of transient heat flux induced damages of tungsten PFCs during plasma disruption in EAST | Mr ZHU, Dahuan       |

### Consequences - Council Room (16:40 - 17:55)

-Conveners: Fabio Villone

| time  | [id] title   | presenter           |
|-------|--|---------------------|
| 16:40 | [76] Electric field effects during disruptions}  | Prof. BOOZER, Allen |
| 17:05 | [67] Fluid and kinetic modeling of runaway electron seed generation during disruptions | EKMARK, Ida         |
| 17:30 | [85] Preliminary Design of Halo Machine  | YANOVSKIY, Vadim    |

# Friday 6 September 2024

## Consequences - Council Room (09:00 - 10:30)

| time  | [id] title  | presenter       |
|-------|---|-----------------|
| 09:00 | [112] Practical model for AVDE loads calculations   | SADAKOV, Sergei |
| 09:40 | [86] Validating Hot and Cold VDEs in C-Mod with M3D-C1  | CLAUSER, Cesar  |
| 10:05 | [83] Prediction and validation of disruption-induced eddy currents and forces within engineering design cycles using ThinCurr and TokaMaker | HANSEN, Chris   |

## Consequences - Council Room (10:50 - 12:00)

| time  | [id] title   | presenter     |
|-------|--|---------------|
| 10:50 | [78] Characteristics of the thermal-quench process in the EAST disruptions and its interpretive MHD modelling with JOREK | Dr ZENG, Long |
| 11:15 | [118] Cons Discussion  |               |