

**Session Program**

**28–31 Oct 2025**

**Fifth Technical Meeting on Divertor Concepts**

***Divertor Engineering and Materials***

IAEA Headquarters, Press Room (M-Building)

## Wednesday 29 October

16:05

### Divertor Engineering and Materials

Session | Location: IAEA Headquarters, Press Room (M-Building) | Convener: Richard Pitts

#### 16:05–16:10 Topical session 3 - Divertor Engineering and Materials

**Speaker**

Richard Pitts

#### 16:10–16:50

**Tungsten and copper (alloy) based divertor target plasma-facing components – state-of-the-art and developments towards the application of tungsten-copper composites**

**Speaker**

Alexander von Müller

#### 16:50–17:10

**Comparative Overview of Divertor Cassette Design and Integration in EU-DEMO, VNS and DTT**

**Speaker**

Domenico Marzullo

#### 17:10–17:30

**W/Cu divertor development at ASIPP towards fusion reactor through the projects of BEST and CRAFT**

**Speaker**

Mr Xuebing PENG

17:30

## Thursday 30 October

09:00

### Divertor Engineering and Materials

Session | Location: IAEA Headquarters, Press Room (M-Building) | Convener: Richard Pitts

09:00–09:20

#### Manufacturing of the ITER tungsten divertor – prototyping/qualification and status of series production

Speaker

Dr TAKESHI Hirai

09:20–09:40

#### Technology qualification of W based water-cooled target modules for Wendelstein 7-X

Speaker

Joris Fellingner

09:40–10:00

#### Simulation of DTT disruptions with JOREK: benchmarking MaxFEA results and assessing divertor electromagnetic loads

Speaker

Mr Nicola Massanova

10:00–10:45

#### Discussion

10:45