

Session Program

28–31 Oct 2025

Fifth Technical Meeting on Divertor Concepts

Divertors for Next-Generation Devices

IAEA Headquarters, Press Room (M-Building)

Tuesday 28 October

10:00

Divertors for Next-Generation Devices

Session | Location: IAEA Headquarters, Press Room (M-Building) | Convener: Anthony Leonard

10:00–10:05 Topical Session 1 - Divertors for Next-Generation Devices

Speaker
Anthony Leonard

10:05–10:45 Divertor shaping as a continuum strategy to solving the power exhaust challenge

Speaker
Prof. Kevin Verhaegh

10:45–11:15 Recent advances in the ITER divertor physics basis

Speaker
Richard Pitts

11:15

11:45

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11:45–12:05 STEP divertor design – finding a balance between multiple constraints

Speaker
Ryoko Osawa

12:05–12:25

First-Principles-Based Divertor Optimization: A Unified MCF Divertor Framework Applied to Wendelstein 7-X

Speaker
Dr Thierry Kremeyer

12:25

14:05

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14:05–14:25 Revised Divertor Design for the new European 'DEMO LAR' reactor.

Speaker
Dr Giuseppe Mazzone

14:25–14:45 Power and Particle Exhaust for the Infinity Two Fusion Pilot Plant

Speaker
Priyanjana Sinha

14:45

15:15

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15:15–15:35 Next-Generation Modeling Approaches for Exhaust Control and Divertor Optimization

Speaker
Ben Zhu

15:35–15:55

Bayesian Experimental Design for Divertor Heat Loads in Fusion Power Plants

Speaker

Michael Battye

15:55–16:40

Discussion

16:40