

Session Program

20–22 Oct 2025

TSVV3 Annual Workshop 2025

Session: numerical and algorithmic optimization

DTU, building 313, room 024 + VC
Next to DTU Building 307, Fysikvej, 2800 Kgs. Lyngby

Wednesday 22 October

09:00

Session: numerical and algorithmic optimization

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09:00–09:30 Accelerated solvers for neutral particle dynamics

Speaker

Margherita Guido

09:30–10:00 Advanced IMEX Time Integration for the Two-Fluid Model of Tokamak Edge Turbulence

Speaker

Bassanini Michol

10:00–10:30 Status of GPU-ization of SOLEDGE3X

Speaker

Mathieu Peybernes

10:30–10:45 Specific aspects of GPU porting of GRILLIX

Speaker

Andreas Stegmeir

10:45