

Session Program

Oct 2 - 5, 2023



20th European Fusion Theory Conference 2-5 October 2023, Padova - Italy

Oral session 3 - Numerical methods

Caffè Pedrocchi, Sala Rossini
Piazzetta Cappellato Pedrocchi, 17, Padova GPS: 45.4076321 N, 11.8772911 E

Mon, October 2

2:00 PM

Oral session 3 - Numerical methods: O3

Session |

Location: Caffè Pedrocchi, Sala Rossini, Piazzetta Cappellato Pedrocchi, 17, Padova GPS: 45.4076321 N, 11.8772911

Convener: Chair: Michele Romanelli

2:00 - 2:40 PM

Full Flux Surface δf -Gyrokinetic Code

Speaker

Georgia Acton

2:40 - 3:05 PM

Physics Informed Neural Networks for MHD modelling

Speaker

Hubert BATY

3:05 - 3:30 PM

Code optimizations in the BSC Advanced Computing Hub: Implementation of matrix compression for the coupling of JOREK to the 3D realistic conducting wall structures

Speaker

Dr Federico Cipolletta

3:30 PM