

Session Program

26-29 Oct 2026

5th IWC-HTS International Workshop on Cooling Systems for HTS Applications

Oral Session - Novel Cryogenic and HTS Technologies I

University of Twente, Waaier
Hallenweg 23 7522 NH Enschede Netherlands

Tuesday 27 October

14:25

Oral Session - Novel Cryogenic and HTS Technologies I

Session | **Location:** University of Twente, Waaier, Hallenweg 23 7522 NH Enschede Netherlands

14:25-14:45

Integrating Liquid Hydrogen for Advanced Cryogenic Cooling of High-Temperature Superconducting Devices

Speaker

Sastry Pamidi

14:45-15:00

Development and Performance of a High-Capacity Closed-Cycle 1 K Cryostat for Low-Temperature Characterization of Superconducting Materials

Speaker

Prof. Cheng Shao

15:00-15:15

Heat pipe to interconnect cryogenic cooling circuits in a nuclear fusion machine

Speaker

Dr Vicente Climente-Alarcon

15:15-15:30

Turbomachinery-based cooling systems for HTS applications

Speaker

Patrik Fröhlich

15:30