

Session Program

18-22 May 2025



CEC/ICMC 2025 Abstracts & Technical Program

C2Po1D - Ortho-Parahydrogen Conversion

Peppermill Reno
2707 S. Virginia St. Reno, NV 89502

Tuesday 20 May

09:15

C2Po1D - Ortho-Parahydrogen Conversion

Poster Session | **Location:** Exhibit Hall, Tuscany Ballroom

C2Po1D-07: Test platforms for ortho-para hydrogen conversion at cryogenic conditions

Speakers

Xinyu Wei, Mr Junjie Teng

C2Po1D-06: Design and Optimization of Efficient Catalyst-filled Spiral Wound Heat Exchangers for Large-Scale Hydrogen Liquefaction Systems

Speaker

Hanwei Zhang

C2Po1D-04: Experimental Investigation and Performance Evaluation of Catalysts-Filled Plate-Fin Heat Exchangers for Hydrogen Liquefaction

Speaker

Junjie Teng

C2Po1D-03: Screening of ortho-parahydrogen catalysts

Speaker

Sebastian Eisenhut

C2Po1D-02: Improving the activation of ortho-para hydrogen conversion catalysts for hydrogen liquefaction: Effects of pre-treatment on the performance of Ionex OP

Speaker

Dr Thomas J Hughes

C2Po1D-01: Magnetic field acceleration of catalyzed para- to orthohydrogen conversion for cooling superconducting motors

Speaker

Thomas J Hughes

C2Po1D-05: Enhancing Flow and Heat Transfer in Continuous Conversion Heat Exchangers with Honeycomb-Structured Catalysts

Speakers

Dr Song Fang, Prof. Kai Wang

11:00