

Session Program

9-13 Jul 2023



CEC/ICMC 2023 Abstracts & Technical Program

C1Po2C: Components III: Pumps and Motors

Hawaii Convention Center

Monday 10 July

14:00

C1Po2C: Components III: Pumps and Motors

Poster Session | Location: Exhibit Hall III, Level 1 | Conveners: John Jurns, Robbi McDonald

C1Po2C-06: Numerical analysis of the performance of the inlet valve in a liquid hydrogen pump

Speaker

Dr Shaoqi Yang

C1Po2C-01: Design of 10 L/s liquid hydrogen pump with integrated inducer and centrifugal impeller

Speaker

Jinzhen Wang

C1Po2C-02: Influence of key parameters on the suction valve's backflow volume in liquid hydrogen piston pump

Speaker

Ming He

C1Po2C-03: Theoretical power consumption analysis of pressurization process of reciprocating liquid hydrogen piston pump

Speaker

Ming He

C1Po2C-04: Development of a dual flow transfer system with a centrifugal pump for liquid helium

Speaker

Johannes Doll

C1Po2C-05: Performance modeling and test of an electrical induction motor at cryogenic temperature

Speaker

Aaron Chick

16:00