



Contribution ID: 209

Type: Poster

## **C2Po1A-01: Experimental Study on the Cavitation Characteristics of a Centrifugal Pump in Liquid Helium**

*Tuesday 20 May 2025 09:15 (1h 45m)*

In the past, a compact single-stage centrifugal pump for liquid helium was designed and successfully tested at TU Dresden University. The pump is an integral part of a dual-flow transfer system which reduces the decanting losses of liquid helium from 30% down to 4%. Since the pump transfers the liquid close to saturated conditions, the cavitation characteristics of the pump need to be further investigated. This article presents the latest experimental data on the cavitation performance of the pump.

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**Session Classification:** C2Po1A - Cryogenic Components II