

## **Session Program**

**22-26 Jul 2024**

# **ICEC29/ICMC2024**

## ***Thu-Or13***

CICG - GENEVA, Switzerland  
Rue de Varembe 17, 1202 Genève

## Thursday 25 July

09:00

### Thu-Or13: Cryogenics Instrumentation & Devices

**Session** | **Location:** Room D | **Convener:** Johan Bremer

09:00–09:15

#### **Numerical modeling and design of the acoustic expander for cryogenic refrigeration**

**Speaker**

Nathaniel O'Connor

09:15–09:30

#### **Transient numerical investigation on sealing performance of square labyrinth seal in the liquid hydrogen piston pump**

**Speaker**

Xiujuan XIE

09:30–09:45

#### **Experimental investigation of a cryogenic printed circuit heat exchanger**

**Speaker**

Zixin Zhang

10:00–10:15

#### **Flow characteristics of cryogenic perforated plate balanced flowmeter**

**Speaker**

Yihan Tian

10:15–10:30

#### **Cryogenic helium valves deflection and relaxation in ESS linac cryogenic distribution system**

**Speaker**

Jaroslav Polinski

10:30