



# CEC-ICMC 2019 - Abstracts, Timetable and Presentations

## Monday, July 22, 2019

### C1Po1B - Aerospace Applications - Level 6, Cryo Expo Exhibit Hall (9:00 AM - 11:00 AM)

-Conveners: Adam Swanger; Jacob Leachman

[id] title	presenter	board
[720] C1Po1B-03 [12]: Investigation on thermodynamic characteristics of cryogenic propellant slosh under varied gravity conditions	Mr WANG, Lei	
[951] C1Po1B-10 [06]: A Model Based Systems Engineering Approach to Achieve Zero Boil-off on A Nuclear Thermal Propulsion Spacecraft	Mr CONNER, Justin	
[1000] C1Po1B-09 [07]: CFD Analysis of Vortex Tube with Two-phase Air at Cryogenic Temperature	Prof. DUTTA, Tanmay	
[1005] C1Po1B-05 [10]: Estimation of heat dissipation on a rotating rotor over superconducting magnet bearing	Dr IIDA, Teruhito	
[1028] C1Po1B-02 [13]: Integrated Refrigeration and Storage of LNG for Compositional Stability	Ms ROSE, Laura	
[618] C1Po1B-08 [08]: Experimental study on effect of non-uniform heat flux on self-pressurization and thermal stratification in a ground cryogenic tank	Mr QIN, X.J	
[856] C1Po1B-01 [14]: Robotic Refueling Mission 3—An Overview	Dr BREON, Susan	
[1064] C1Po1B-07 [09]: Numerical Analysis of Fluid Transients Induced by Valve Operation in Cryogenic Feed lines	MISHRA, Arpit	