

Session Program

28 June 2015 to 2 July 2015



CEC-ICMC 2015 - Timetable, Abstracts and Presentations

C30rK - Special Session: JT Coolers

JW Marriott Starr Pass Resort
Tucson, Arizona USA

Wednesday 1 July

16:15

C3OrK - Special Session: JT Coolers

Session | **Location:** Tucson Ballroom IJ | **Conveners:** Jacob Kephart, Than Yatming

16:15–16:30

Thermodynamic analysis of a intermediate cooled heat exchanger working in high temperature ratio for Joule-Thomson cooler

Speaker

Mr Xuan Tao

16:30–16:45

Performance analysis of a miniature Joule-Thomson cryocooler with and without the distributed J-T effect

Speakers

Milind Atrey, Dr Rashmin Damle

16:45–17:00

Modeling the Adsorption of Mixed-Gases Based on Pure Gas Adsorption Properties

Speaker

Dr Nir Tzabar

17:00–17:15

Development of a sorption-based Joule-Thomson cooler for the METIS instrument on E-ELT

Speaker

Marcel ter Brake

17:15–17:30

Reduction in variation in refrigeration temperature for a sorption compressor based J-T cooler

Speaker

Prof. SHRIDHAR BAPAT

17:30