

CEC-ICMC 2017 - Abstracts, Timetable and Presentations

Wednesday, 12 July 2017

C3OrA - Stirling Cryocooler Performance and Modeling - Hall of Ideas - GJ (11:00 - 12:15)

-Conveners: Jimmy Wade; Ryan Taylor

time	[id] title	presenter
11:00	[393] A Computational Approach of 1D and 2D/3D CFD Coupled Model	FANG, Tao
11:15	[465] Role of Size on the Relative Importance of Fluid Dynamic Losses in Linear Cryocoolers	Dr KIRKCONNELL, Carl
11:30	[99] Performance improvement in a Stirling cooler with Methane as a condensable component in Helium-Methane mixture as working fluid for refrigeration temperature about 130 K	Prof. BAPAT, Shridhar
11:45	[440] Acoustic field characteristics in a free piston Stirling cryocooler with high cooling capacity	Dr YU, Guoyao
12:00	[25] A Performance Analysis on Free-piston Stirling Cryocooler based on an Idealized Mathematical Model	GUO, Yongxiang