

Session Program

9-13 Jul 2017



CEC-ICMC 2017 - Abstracts, Timetable and Presentations

C1OrG - Pulse Tube Components

Monona Terrace Community and Convention Center
Madison, Wisconsin USA

Monday 10 July

16:00

C10rG - Pulse Tube Components

Session | **Location:** Hall of Ideas - FI | **Conveners:** Philip Spoor, Jeff Olson

16:00-16:15

Influence of Minor Geometric Imperfections on Stirling Pulse Tube Cryocooler

Speaker

Tao Fang

16:15-16:30

Miniature PT Cryocooler Activated by Resonant Piezoelectric Compressor and Passive Warm Expander

Speaker

Mr Sergey Sobol

16:30-16:45

Study on the flow nonuniformity in a high capacity Stirling pulse tube cryocooler

Speaker

Mr Xiaokuan You

17:00-17:15

Investigation on characteristics of inertance tube at different operating frequencies: coiled type and material

Speaker

Dr Shaoshuai Liu

17:15-17:30

Study on a three-stage cascade pulse tube cryocooler

Speaker

Mr Qinyu Zhao

17:30-17:45

Numerical and experimental study of an annular pulse tube used in the pulse tube cooler

Speaker

Xiaomin Pang

17:45-18:00

Displacer Diameter Effect in Displacer Pulse Tube Refrigerator

Speaker

Prof. Shaowei Zhu

18:00