

## **Session Program**

**21-25 Jul 2019**



## **CEC-ICMC 2019 - Abstracts, Timetable and Presentations**

### ***C3Po1E - Air and Carbon Dioxide Systems***

Connecticut Convention Center, Level 6  
Hartford, Connecticut USA

## Wednesday 24 July

09:00

### C3Po1E - Air and Carbon Dioxide Systems

**Poster Session** | **Location:** Level 6, Cryo Expo Exhibit Hall | **Conveners:** Srinivas Vanapalli, John Pfothenhauer

#### **C3Po1E-07 [30]: Optimal design for cryogenic structured packing column using particle swarm optimization algorithm**

**Speaker**

Mr Bin Wang

#### **C3Po1E-06 [29]: Analysis of liquid air energy storage system under different minimum heat transfer temperature difference**

**Speaker**

Ms Luna Guo

#### **C3Po1E-05 [28]: Theoretical investigation of a closed wind-solar-liquid CO<sub>2</sub> energy storage system**

**Speaker**

Dr Liubiao Chen

#### **C3Po1E-04 [27]: A comparative study of two novel liquid air energy storage systems with LNG cold energy recovery**

**Speaker**

Dr Liubiao Chen

#### **C3Po1E-01 [25]: Analysis and optimization of the liquid nitrogen pre-cooling stage for EAST helium refrigerator**

**Speakers**

Dr Zhigang Zhu, Prof. Qiyong Zhang

#### **C3Po1E-03 [26]: Thermodynamic Performance Comparison of Miniature Liquid Nitrogen Generators driven by Mixed-refrigerant Joule-Thomson Cycle and Gas Expansion Cycle**

**Speaker**

Dr Haocheng Wang

11:00