

Xian Jiaotong University - Keynote Speech

The application of transcritical CO₂ cooling/heating technology

- CO₂-Booster in Cold Chain
- CO₂ in vehicle thermal management
- CO₂ air-conditioner and heat pump
- CO₂ in thermal energy storage

Date & Time: 27 Sep (Fri) 18:00-20:00
Venue: Chan Yat Mei Sophie Room, HKIE
 Headquarters, 9/F Island Beverley, No.1
 Great George Street, Causeway Bay,
 Hong Kong



**Prof.
 Cao Feng**
 Director of
 EPE-XJTU

Professor of Xi 'an Jiaotong University, Cheung Kong Scholar Distinguished Professor of the Ministry of Education, expert of the United Nations Environment Program Technology and Economic Assessment Panel. Major in CO₂ cooling and heating technology. The achievement regarding Transcritical CO₂ Heat Pump won the second prize of National Science and Technology Progress Award, the first prize of Science and Technology of Shaanxi Province, and the first prize of Science and Technology Progress Award of the Ministry of Education. More than 80 papers (SCI/EI) published, and more than 50 invention patents authorized.



**A. Prof.
 Yulong Song**

Associate Professor of Xi 'an Jiaotong University, Youth Committee member of International Refrigeration Society, candidate of Postdoctoral Innovative Talent Support Program, Vice director of Xian key laboratory in new energy vehicle thermal management technology. Major in transcritical CO₂ cooling and heating technology. More than 40 papers (SCI/EI) published, and more than 30 invention patents authorized.

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