

Introduction of SEU International Summer School Program 2021

Theme: Low-carbon technologies for Building energy and application

Faculty: School of Energy and Environment, Southeast University



Overview

In view of the increasing demand for internationalized talents in the field of energy and power, this project plays an equal role in training Chinese and international students. Distinguished experts from Europe and Australia have been invited to deliver lectures for Refrigeration and Air Conditioning design for low-carbon built environment: Professor Christos Markides from Imperial College London, Professor Xiaolin Wang from the University of Tasmania, Dr. Hongwei Wu from University of Hertfordshire. Three professors will also organize open forums in cutting edge technologies and application. Focusing on practice and innovation, this project will give students opportunity to study advanced low-carbon technologies, building energy and environment in China, UK and Australia, and arrange them to carry out innovative design of refrigeration and air conditioning application for buildings. This project will be run for 20 consecutive working days for 3 courses, which can replace the basic and applied courses of *Design of Air Conditioning*, *Design of Refrigeration System* and *Advanced Practicum*.

Schedule

Course 1: Low-carbon technologies for Built Environment and Design

Date : July 16—July 23, 2021

Lecturer : Xiaolin Wang, Christos Markides, Yonggao Yin

Platform : Zoom

Course 2 & 3: Refrigeration /heat pump in sustainable building combined with renewable energy and design of refrigeration equipment

Date : July , 2021, Time to be announced

Lecturer : Dr. Hongwei Wu

Platform : Zoom

Host & Organizer

School of Energy and Environment

Southeast University

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