



THE OHIO STATE UNIVERSITY

ENGIE/Axium and Sustainability Institute Resilient Energy Systems Seminar

Dr. Chunshan Song, director of the EMS Energy Institute at the Pennsylvania State University will present:

Design Approaches to CO₂ Capture and Conversion for Sustainable Chemicals and Fuels

Thursday, August 22, 2019

Scott Laboratory, Room E100

1:30 – 2:30 pm

Control of CO₂ emission has become a central issue worldwide due to its potential impact on global climate change. The key to effective CO₂ conversion and utilization is to develop highly selective and active catalysts and catalytic processes for converting CO₂ along specific reaction pathways to desired chemicals and fuels. The ultimate goal of our research is to develop a new CO₂-based sustainable supply of chemicals, materials and fuels.



Dr. Chunshan Song is the director of the EMS Energy Institute and a distinguished professor of fuel science in the Department of Energy and Mineral Engineering at the Pennsylvania State University at University Park. He also is a professor of chemical engineering in the Department of Chemical Engineering, and serves as associate director of Penn State's Institutes of the Energy and Environment.

