



# Workshop on Chemical Looping Technologies for Coal Utilization

Sep. 30, 2013, Morgantown, WV, USA

## Introduction

Chemical Looping Combustion and gasification Technologies are the prospect processes to realize high efficiency coal utilization with CO<sub>2</sub> captures. It is one of the collaboration field of Theme 2 “Coal Conversion Technologies” supported by Advanced Coal Technology Consortia (ACTC) of U.S.-China Clean Energy Research Center (CERC). To promote the collaboration and academic exchanges among the partners from both countries, half day workshop will be held in the morning of September 30, 2013 at West Virginia University in Morgantown, WV.

## Scope:

This workshop will focus on the related processes of chemical looping technologies for coal utilization as follows,

1. Chemical looping gasification processes with Calcium based CO<sub>2</sub> sorbent;
2. Chemical looping combustion process for solid fuel utilization
3. Tech-economic analysis for the coal utilization process with chemical looping technologies
4. R&D on CO<sub>2</sub>/O<sub>2</sub> Carriers
5. Others related to chemical looping process

## Important Dates

Submission of Short Abstract: August 15  
Workshop: September 30

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