

Tri-State Catalysis Society
Spring Symposium: May 12-13, 2003

- AGENDA -

7:45 - 8:45 AM

Registration and Continental Breakfast

8:50 - 9:00 AM

Dr. Jürgen Ladebeck, TSCS President
Süd-Chemie, Inc., Louisville, KY

Welcome

MORNING SESSION: MAY 12

9:00 - 10:00 AM

Jon P. Wagner

Süd-Chemie, Inc., Louisville, KY

General Overview on "Hydrogen Generation for Fuel Cell Application".

KEYNOTE ADDRESS

10:00 - 10:30 AM

Yuguo Wang, Naresh Shah and Gerald Huffman

The Consortium of Fossil Fuel Science, Lexington, KY

Emission-free Hydrogen and Novel Carbon Nanotubes Production by Catalytic Decomposition of Light Paraffins.

COFFEE BREAK: 10:30 – 10:45 AM

10:30 – 10:45 AM

John Lettlow

H2Gen Innovations, Alexandria, VA

Catalyst Development for Compact Hydrogen Generators.

KEYNOTE ADDRESS

11:45 AM - 12:15 PM

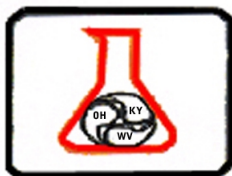
Uschi M. Graham, Mahendra K. Sunkara*, Shashank Sharma* and Burtron H. Davis.

*Center for Applied Energy Research, Lexington, KY; *Department of Chemical Engineering, University of Louisville, KY*

2-D Ceramic Nanoweb Synthesis for Applications in Catalysis

LUNCH BREAK: 12:15 - 1:30 PM

Four Points Sheraton (Plated Lunch)



AFTERNOON SESSION: MAY 12

1:30 - 2:00 PM

Gary Jacobs, Patricia M. Patterson, Leann Williams, Emilie Chenu, Uschi M. Graham, and Burtron H. Davis

Center for Applied Energy Research, Lexington, KY

In-situ DRIFTS and XANES Investigations of Metal-Promoted Ceria Catalysts for the Low Temperature WGS Reaction, and Implications for Catalyst Design.

2:00 - 3:00 PM

Stephen J. Pennycook

KEYNOTE ADDRESS

Condensed Matter Sciences Division

Oak Ridge National Laboratory, Knoxville, TN

Prospects of Aberration-Corrected STEM for Catalysis.

COFFEE BREAK: 3:00 – 3:15 PM

3:15 - 3:45 PM

Qi Sun,

Süd-Chemie, Inc., Louisville, KY

Perception of the Nature of the Performance of Ni-Based Catalyst for Diesel Cleaning.

3:45 - 4:15 PM

Jazon Zhao

Süd-Chemie, Inc., Louisville, KY

Calcium Aluminate Supported Nickel Catalysts for Steam Reforming of Hydrocarbons.

4:15 - 4:45 PM

John Chaney

Department of Chemical Engineering, University of Louisville, KY

Applications of Surface Science to Catalyst Testing and Design

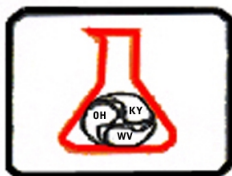
POSTER SESSION

5:00 - 6:30 PM

BANQUET DINNER

7:00 PM

Four Points Sheraton



Tri-State Catalysis Society

- AGENDA -

8:00 - 8:50 AM

Registration and Continental Breakfast

8:50 - 9:00 AM

Dr. Jürgen Ladebeck, TSCS President
Süd-Chemie, Inc., Louisville, KY

Welcome

MORNING SESSION: MAY 13

9:00 - 10:00 AM

Robert Rachford

Torial, Des Plaines, IL

KEYNOTE ADDRESS

Combinatorial Tools and Techniques for the Discovery, Optimization and Commercialization of Heterogeneous Catalysts.

10:00 - 10:30 A

Burtron H. Davis.

Center for Applied Energy Research, Lexington, KY

An Overview of Fischer-Tropsch-Synthesis.

COFFEE BREAK 10:30 - 10:45 AM

10:45 - 11:15 AM

Steve Rankin, Bing Tan, Hans Lemhler and Barbara Knutson

Department of Chemical Engineering, University of Kentucky, Lexington, KY

Surfactant Templating of Ordered Porous Silica.

11:15 - 11:45 AM

Buchang Shi.

Center for Applied Energy Research, Lexington, KY

A New Concept in Studying Fischer-Tropsch-Synthesis.

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