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www.22nam.org



22nd North American Catalysis Society Meeting

Detroit, MI
June 5-10, 2011



Detroit Marriott at the
Renaissance Center



INVITATION

We invite you to join us at the 22nd North American Catalysis Society Meeting to be held from June 5-10, 2011 in Detroit, Michigan at the Detroit Marriott at the Renaissance Center on the Detroit River. This meeting will be the premier scientific event in the field of catalysis research and development in 2011. Technological challenges and state-of-the-art research will be presented and discussed.



SCIENTIFIC PROGRAM

There will be plenary lectures (including the Houdry, Emmett, and Boudart Award lectures), several keynote presentations, parallel oral sessions, and poster sessions.

EXHIBITION

An exhibition of the latest instruments, products, and services in the field of catalysis research and development will be held during the 22nd NAM. Interested participants should consult the website www.22nam.org for additional details.



SCOPE

The submission of papers describing *original experimental and/or theoretical research in all areas of heterogeneous/homogeneous catalysis and materials* is invited. Topics of interest include, but are not limited to, the following:

- **Catalysis, Materials, and Reaction Engineering for Environmental Protection**
 - Mobile/stationary source emissions control
 - Photo- & electrocatalysis for emissions control
 - CO₂ capture, conversion, or sequestration
 - Clean feedstocks and fuels (HDN, HDS)
 - VOC and groundwater remediation
- **Catalysis, Materials, and Reaction Engineering for Industrial Chemicals**
 - Commodity chemicals and polymers
 - Specialty or fine chemicals and polymers
 - Acid-base, partial oxidation, hydrogenation, and organometallic catalysis
 - Non-petrochemical feedstocks or green/alternative processes
- **Catalysis, Materials, and Reaction Engineering for Energy and Fuel Production/Utilization**
 - Syngas and H₂ production
 - Fischer-Tropsch synthesis and gas-to-liquids
 - Fuel cells and electrolysis
 - Photochemical and electrochemical synthesis
 - Biomass conversion to fuels
- **Emerging Issues: Novel Materials, Theory, and Experimental Methods**
 - Novel materials for catalysis, energy conversion, energy storage
 - Novel approaches to materials synthesis
 - Computational catalysis
 - Nano-structured materials and clusters for structure-property investigation
 - Biomimetic catalysis
 - Advanced characterization techniques (*ex situ*, *in situ*, *operando*)
 - Photo- or microwave-assisted catalysis
 - Reactions with unconventional media (supercritical fluids, ionic liquids, novel solvents)
 - Advanced reactor technologies (multifunctional, structured, microchannel)

ABSTRACT SUBMISSION

All abstracts must be submitted through the website (www.22nam.org).

KOKES TRAVEL AWARDS

The Richard J. Kokes Student Travel Awards will provide financial assistance to a limited number of eligible full-time graduate students actively engaged in a relevant field of research. All applications must be submitted concurrently with the corresponding abstract through our website

TIMELINE

August 16, 2010

Call for papers and Kokes applications

November 19, 2010

Deadline for submission of abstracts and Kokes applications

February 2011

Notification of accepted abstracts (oral and posters) and awarded Kokes grants

April 2011

Deadline for early registration

Please register and check for the latest updates and information on our website:

www.22nam.org

Inquiries can be sent to:

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