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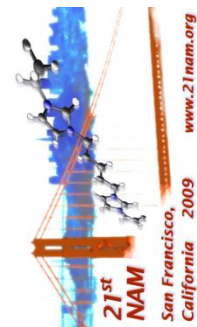
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21st NAM

c/o Meeting Solutions, Inc.
2 Hamil Road, Suite 309
Quadrangle East
Baltimore MD, 21210

KEY DATES:

NOVEMBER 15, 2008

Abstracts and Kokes applications due

FEBRUARY 9, 2009

Notification of acceptance

APRIL 12, 2009

Deadline for early registration



21st

North American Catalysis Society Meeting

June 7-12, 2009

San Francisco California

www.21nam.org



Invitation

We invite you to join us at the **21st North American Catalysis Society Meeting** to be held from June 7-12, 2009, in San Francisco, California, at the Hyatt Regency Hotel located directly on the Embarcadero waterfront. This meeting is a premier scientific event in the field of catalysis research and development. Technological challenges and state-of-the-art research will be presented and discussed.

Scope

Submission of papers dealing with original experimental and/or theoretical research on a broad range of topics is encouraged. The following is a list of potential subject areas:

CATALYSIS FOR ENERGY:

- Biomass conversion to fuels and chemicals
- Fossil energy conversion
- Upgrading of heavy hydrocarbon resources
- Heteroatom (S, N, O) removal from process streams
- Photochemical & electrochemical synthesis of fuels, hydrogen, or synthesis gas
- Hydrogen production and storage
- Synthesis gas production and conversion
- Electrocatalysis and fuel cells

CATALYSIS FOR ENVIRONMENTAL PROTECTION:

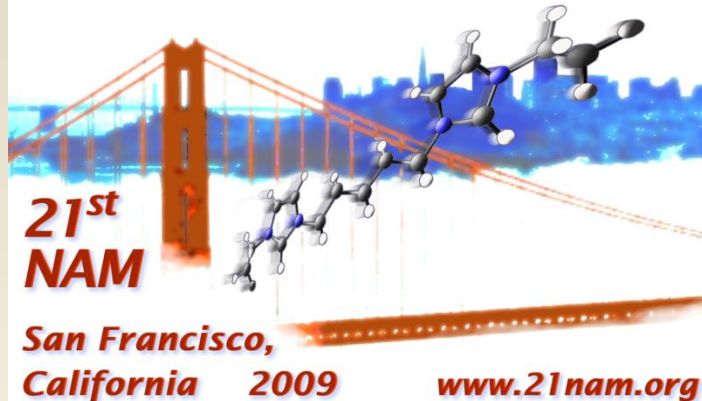
- Photocatalytic pollution control
- Stationary source emission control
- Catalytic vehicle emission control
- CO₂ sequestration and utilization

CATALYSIS FOR THE SYNTHESIS OF CHEMICALS:

- Acid-base catalysis
- Homogeneous catalysis
- Reactions in supercritical CO₂, ionic liquids, and CO₂-expanded solvents

FUNDAMENTALS OF CATALYSIS:

- Analysis of dynamics and mechanisms of chemical reactions
- Materials with uniform structures, composition, or size
- Spectroscopy, microscopy, and catalysis
- Characterization of working catalysts
- Theory and computational catalysis
- Synthesis of active structures



CHEMICAL REACTION ENGINEERING:

- Catalyst deactivation, regeneration, and recycling
- Novel reactors and operating protocols
- Modeling and control of complex chemical reactions

Scientific Program

There will be four plenary lectures (including the Houdry, Emmett, and Boudart Award lectures), several keynote presentations, five parallel oral sessions, and three 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 21st NAM. Interested participants should consult the website for additional details.

Abstract Submission

Abstract submission is now open. All abstracts must be submitted through our website:

www.21nam.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

November 15, 2008

Deadline for abstracts and Kokes applications

February 9, 2009

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

April 12, 2009

Deadline for early registration

Fees: \$550 (early), \$700 (late), \$800 (on-site, if available)

Please check the web site for discounted fees and social event information & tickets.

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

www.21nam.org

Inquiries can be sent to:

nam21-info@pnl.gov

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