

240th ACS National Meeting & Exposition
August 22-26, 2010
Boston, MA

CATL: Division of Catalysis Science and Technology
CATL: Surface Science of Catalysis

Topics of Symposium:

1. **New Concepts and Applications of Surface Science in the field of catalysis**
 - Mechanistic understanding of catalytic processes
 - New applications of suggested concepts
 - Study of catalytic model chemical reactions
 - Enhancement of activity and selectivity by nanoparticle and nanostructure catalysts
2. **Synthesis**
 - New surface/support – catalyst systems
 - Novel synthetic routes for existing catalytic systems
 - Nanocrystal and nanoparticle catalyst design
3. **Characterization**
 - In situ probes and reaction kinetics
 - Structure – activity and selectivity relationships
 - Size and structure of catalysts on surfaces/interfaces

Abstract Submission:

Submit abstracts by **April 1, 2010 (12 AM CST)**
Login/Register at: <http://abstracts.acs.org>

Session Supporters:

Division of Colloid & Surface Chemistry, Division of Fuel Chemistry,
Division of Petroleum Chemistry

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