

Save the Date

12th Natural Gas Conversion Symposium

New Vistas on Shale

June 2-6, 2019 | Grand Hyatt, San Antonio, TX

The triennial Natural Gas Conversion Symposium has been bringing together the world's leaders in natural gas conversion since 1987, to share information on the latest trends in research and technology development in these fields.

The NGCS 12 program will include more than 100 presentations by experts, representing a wide range of experience, talent, and involvement at the forefront of technologies related to the conversion of fossil resources, biomass, and waste into syngas, energy, synthetic natural gas, hydrogen, liquid fuels, and chemicals.

SYMPOSIUM PROGRAM FEATURES

- Four days of plenary, keynote, and oral presentations
- Poster sessions
- Social program highlighting the best of San Antonio
- Site visits to area facilities
- Networking

SYMPOSIUM TOPICS INCLUDE:

Topic 1: Production of Synthesis Gas

Production and purification of synthesis gas from natural gas; New separation methods

Topic 2: Synthesis Gas to Fuels and Chemicals

Fischer-Tropsch synthesis; Methanol and other oxygenates; MTO / MTG / MTA technology

Topic 3: Direct Conversion of Methane

Coupling to C₂, direct conversion to aromatics, oxygenates; New concepts in light gas separation

Topic 4: Conversion of Light Paraffins

Conversion of NGL components (C₂ - C₄) to base chemicals (olefins, aromatics, etc...);
New routes to light olefins displaced by shale

Topic 5: Natural Gas in Energy Conversion

Catalytic combustion; hydrogen and carbon-based products; synthetic natural gas, upgrading of coal and petroleum using natural gas

Topic 6: Techno-Economic Aspects

Process integration to reduce CO₂ footprint and capital intensity of methane conversion processes; Techno-economic studies; Technology demonstration; Industrial processes and plant operation; Process simulation and optimization; Gas resources (shale gas and other unconventional); CO₂ management and capture

For the latest news, including the Call for Abstracts, visit www.aiche.org/ngcs12

