

# CACS-Southwest Seminar

---

**Time:** 10:00 AM – NOON, Saturday, April 23<sup>rd</sup>, 2016

**Venue:** Duncan Hall 1070  
Rice University

## *Agenda*

**10:00-10:30 AM** *Member Registration and Networking*

**10:30-10:35 AM** *Welcome Address*  
*Dr. Teng XU, CACS President*

**10:35- Noon** *Keynote Speech:*  
*“New Horizon of C1 Chemistry”*

*Prof. Xinhe BAO*

*Professor of the Dalian Institute of Chemical Physics*  
*Member of Chinese Academy of Sciences*  
*Vice President of Chinese Chemical Society*  
*President of the Catalysis Society of China*

**Noon** *Adjourn*

## Biography

---



Xinhe Bao received his PhD in Physical Chemistry from Fudan University in 1987 and then worked as a Fellow of Alexander von Humboldt in Fritz-Haber institute of Max-Planck Society in Berlin/Germany. He became a full Professor of the Dalian Institute of Chemical Physics (DICP, CAS) in China in 1995 and group leader of Nano & Interface Catalysis at the State Key Laboratory of Catalysis later. He held the position of the institute director from 2000 to 2007, and was appointed the President of Shenyang Branch of the Chinese Academy of Sciences in 2009. Bao is the member of Chinese Academy of Sciences, the member of the Academy of Sciences for the Developing World (TWAS) and the fellow of the Royal Society of Chemistry (UK). He is currently the Vice President of Chinese Chemical Society and President of the Catalysis Society of China. Bao is Editor-in-chief of Journal of Energy Chemistry (JEC, Elsevier), and his name is listed in the editorial board or international advisory board of several international scientific journals, including Angew. Chem. Int. Ed., Energy & Env. Sci., Chem. Sci., Surf. Sci. Report, ChemCatChem, ChemPhysChem, Surf. Sci. and etc. His research focuses mainly on the fundamental understanding of catalysis, and its application to the development of new catalyst and catalytic process related to energy conversion, in particular clean coal and natural gas utilization. His achievements in catalysis of nanoporous materials, nano-structured carbon materials and nano-sized oxide particles, as well as in fundamental understanding of nano-confined catalysis have been well recognized worldwide. BAO has published more than 610 scientific papers and 1 book (Elsevier) with a citation over 14000 times, and filed 120 patents. He was awarded the prizes of National Science Award (second Class, 2005) , Ho Leung Ho Lee Foundation for scientific and Technological Progress Award in Chemistry(2012), Award in Basic Science from Zhou Guang Zhao Foudation(2015) and Outstanding Science and Technology Achievement Prize of the Chinese Academy of Sciences(2015).