

Registration

Abstract should be submitted before November 08, 2019 at csi7chdchapter@gmail.com
Academia 500 INR (students)
Academia 1000 INR (faculty/scientists)
Industry 5000 INR

Contact Us

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NATIONAL WORKSHOP

on

"Catalysis for Clean Energy and Safe Environment"

(CCESE-19)

Under the aegis of

Catalysis Society of India

Organized by

Panjab University Chandigarh



On 16th November, 2019

Venue

Seminar Hall, SAIF/CIL
Panjab University, Chandigarh

About the WORKSHOP

The 21st Century is seeing a fundamental change towards sustainable industrial processing and safeguarding the environment. Chemical catalysis is one of critical research area of great importance for the scientific and industrial realm. There are paramount challenges to be met in the near future where development of novel processes and environmental immunity are a necessity. The fundamental understanding of many catalytic processes is still emerging and there seems to be new opportunities with the recent developments in theoretical and experimental approaches. Impositions of rigorous emission standards universally, has stimulated the industry to adopt sustainable manufacturing of products. Catalysis has emerged as a key technological area. The workshop will bring researchers from different disciplines to a single platform to discuss how catalysis can be applied to boost sustainable process technologies and address the scathing needs of the society.

The workshop will include plenary and invited talks by eminent scientists of international repute from industry, academia and research institutions and will hold panel discussions on emerging topics of clean energy and sustainable development. Topics pertaining to photo catalysis, molecular and advanced-catalysis, novel catalytic processes, catalysis in environmental pollution abatement, theoretical and fundamental catalysis would be deliberated during the workshop. This workshop will also present ample avenue to budding researchers to showcase their work through poster presentations. This workshop is themed upon to reflect key aspects of catalysis for emerging energy applications and chemicals to bring synergy between scientists, engineers, academia & industry and to discuss the societal impact of catalysis.

About Panjab University

Panjab University is one of the oldest University in India established in 1882. University campus is spread over an area of 550 acres in sectors 14 and 25 of the city of Chandigarh. It ranked 1st among the Universities in India and 38th in Asia, in Times Higher Education Asian University rankings 2015. Panjab University has a long tradition of pursuing excellence in teaching and research in science and technology, humanities, social sciences, performing arts and sports. PU campus attracts and supports the best minds and recruits faculty who excel at teaching and research. University has 75 teaching and research departments and 15 Centers.

About the CSI

The Catalysis Society of India (CSI) was formally founded in March 1973 at Banaras with Prof. S.K. Bhattacharyya as the president and Prof. J.C. Kuriacose as the secretary. The main mandates of the CSI are to encourage catalysis research in India, to organize professional meetings between researchers, to enhance mutual interactions and to encourage cooperation between industry and academia. The growth of the membership of the CSI is a measure of the growth of catalysis research activity in the country. The present membership of the society is in excess of 750 compared to 75 in 1974. At the time of the founding of the CSI, the major centers of research in catalysis were just a handful, the IITs (Madras and Kharagpur), PDIL (Sindhri), IIP (Dehradun) and IPCL/RIL (Vadodara). Catalysis research activity has spread to many more organizations during the past 42 years. During the last three decades, the catalysis community in India has made significant strides both in applied and fundamental research.

About Chandigarh

Chandigarh is one of the most beautiful and well planned city in India, designed by the French architect Le Corbusier. Serenity and a city are normally two diametrically opposite concepts, which however, get belied in the 'City Beautiful'. Chandigarh is a rare epitome of modernization co-existing with nature's preservation. The city is located near the foothills of the great mountains of Himalayas with the Queen of Hills, Shimla.

Themes/Topics

- Petrochemical and Chemical Industry
- Emerging Trends in Heterogeneous Catalysis
- Novel Trends in Catalysis for Petroleum Industry
- Catalysis in Environmental Pollution Abatement
- Advanced Catalytic Materials
- Catalysis for Emerging Energy Applications

Panel Discussion: Societal impact of Catalysis and Role of catalysis in circular economy

IMPORTANT DATES

Poster submission covering all themes.
Abstract submission date: 08th November, 2019
Intimation of acceptance: 09th November, 2019

Catalysis Society of India

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