



## Eminent speakers from Germany

- ★ **Dr. Erdmann Sebastian Wohlrab**  
(LIKAT, Rostock)
- ★ **Dr. Hannes Richter**  
(Fraunhofer- IKTS, Hermsdorf)
- ★ **Dr. Günter Schmid**  
(Siemens Energy Global, Erlangen)
- ★ **Dr. Ulf-Peter Apfel**  
(Ruhr-Universität Bochum & Fraunhofer UMSICHT, Oberhausen)
- ★ **Dr. Shoubhik Das**  
(UBT, Bayreuth)
- ★ **Dr. Nikki Ying-Tung Man**  
(HU, Berlin)
- ★ **Dr. Dominik Seeburg**  
(Arcelor Mittal Eisenhüttenstadt)
- ★ **Dr. Clement Owusu Prempeh**  
(DBFZ, Leipzig)
- ★ **Dr. Albert Gili de Villante**  
(HZB, Berlin)
- ★ **Dr. Venkata Narayana Kalevaru**  
(LIKAT, Rostock)
- ★ **Dr. Ralf Jackstell**  
(LIKAT, Rostock)
- ★ **Dr. Steffi Hlawenka**  
(HZB, Berlin)
- ★ **Dr. Christiane Kuretschka**  
(BASF, Ludwigshafen)
- ★ **Dr. Alexander Schoekel**  
(DESY, Hamburg)
- ★ **Dr. Anton Joseph Nagy**  
(ILS, Berlin)

## Conveners

- ★ **Dr. Kamalakannan Kailasam**  
Scientist-G, INST Mohali
- ★ **Dr. Bharat Newalkar**  
Chief General Manager (R&D), BPCL, Greater Noida
- ★ **Dr. Sebastian Wohlrab**  
Scientist, Leibniz Institute for Catalysis, Rostock, Germany

## Website Link

[https://inst.ac.in/Conference\\_2025/indo-german-workshop-cat4suschem](https://inst.ac.in/Conference_2025/indo-german-workshop-cat4suschem)



**INDO-GERMAN**  
**WORKSHOP**



## Institute of Nano Science and Technology

Sector-81, Knowledge City, SAS Nagar,  
Mohali, Punjab-140306, India

[www.inst.ac.in](http://www.inst.ac.in)



**Cat4SusChem**

Catalysis for Sustainable Chemistry

## INDO-GERMAN WORKSHOP



**Cat4SusChem**

Catalysis for Sustainable Chemical  
Synthesis and Energy Technologies

*Towards Industrial Relevance*

SEPTEMBER **23-26** 2025

Organized by



## About

### Cat4SusChem

With rising energy demand and climate concerns, achieving net-zero emissions by 2050 is crucial. India and Germany are jointly advancing green hydrogen, biofuels, and renewable energy technologies. To strengthen this collaboration, an Indo-German workshop serve as platform for academia-industry exchange, focusing on hydrogen, CCU, biomass valorization, and energy solutions. The aim is to foster collaboration, develop scalable technologies, & strengthen economic resilience.



**Cat4SusChem**  
Catalysis for Sustainable Chemistry

## About

### IGSTC

Indo-German Science & Technology Centre (IGSTC) is a joint initiative of DST, India, & BMFT, Germany. It was established to promote R&D collaboration between the two nations. IGSTC connects government, academia, and industry to foster innovation. Its mission is to drive economic growth & societal development by joint efforts.

**IGSTC**  
INDO-GERMAN SCIENCE AND TECHNOLOGY CENTRE



## About

### INST

Institute of Nano Science and Technology (INST), Mohali, is India's first research institute exclusively dedicated to nanoscience and nanotechnology, established under DST, Government of India. With state-of-the-art facilities and interdisciplinary expertise, INST advances cutting-edge research addressing energy, health, agriculture, and environment. The institute fosters innovation by bridging fundamental science with translational technologies for diverse applications



## About

### BPCL

Bharat Petroleum, India's second-largest public sector oil marketing and a Fortune 500 integrated energy company has established a robust presence across the entire energy value chain. At the forefront of BPCL's innovation agenda is its Corporate Research & Development Centre (CRDC), that actively drives breakthroughs in sustainable fuels, refinery processes, and clean technology solutions.



## About

### LIKAT

Leibniz Institute for Catalysis (LIKAT) is first European research institution dedicated exclusively to catalysis. Today, it is one of largest publicly funded research institutes in the field of applied catalysis in Europe with excellent infrastructure facilities. The mission of LIKAT is to provide globally competitive & environmentally friendly technologies with reference to industrial needs. The objective is to achieve world-class expertise in frontier areas of heterogeneous & homogeneous catalysis, chemical process design, modeling & simulation.



### Eminent speakers from India

- ★ Prof. G. D. Yadav (ICT, Mumbai)
- ★ Prof. M. Lakshmi Kantam (ICT, Mumbai)
- ★ Prof. Ashok Kumar Ganguli (IISER, Berhampur, Odisha)
- ★ Prof. Kamal Kishore Pant (IIT, Roorkee)
- ★ Dr. Akula Venugopal (IICT, Hyderabad)
- ★ Dr. Chanchal Samanta (BPCL, Greater Noida)
- ★ Prof. Sayan Bhattacharyya (IISER, Kolkata)
- ★ Prof. Tokeer Ahmad (JMI, New Delhi)
- ★ Prof. Ekambaram Balaraman (IISER, Tirupati, Andhra Pradesh)
- ★ Mr. Amit Bansal (BASF India, Mumbai)
- ★ Dr. Rohini Gupta (BASF India, Mumbai)
- ★ Dr. Kishore Natte (IIT, Hyderabad)
- ★ Dr. Sayanti Chatterjee (IIT, Roorkee)
- ★ Prof. Kamalakannan Kailasam (INST, Mohali)

