

Catalysis Symposium 2025   
May 14-15, 2025 | London, UK

3rd Edition of Infy World Symposium on  
**Catalysis & Chemical  
Engineering**

14-15 May 2025  
London, UK



**THEME: "Accelerating  
Transformations:  
Exploring the  
Frontiers of Catalysis"**

Host: **John Brandon** | Program Manager  
Catalysis Symposium 2025 | Infy conferences  
124 City Rd, London N1 6AD, UK  
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## Highlights

Explore the Standardized Development of Catalysis & Chemical Engineering



### CONCEPT

The purpose of Catalysis Symposium 2025 is to bring together leading international researchers, catalysts, and Chemical Engineers interested in any of the Catalysis & Chemistry Research.



### AGENDA

The conference is a unique opportunity to present your latest research, hear to valuable intelligence and information. This is place where world leaders come to talk and listen.



### NETWORKING

Unique networking opportunity across world wide leading renewable CEOs, business heads, decision, and policy makers, choose to present their latest innovations.

## Who Can Attend

- Professors, experts, scientists, directors, and university students in all tendencies of engineering, sciences.
- Universities, study centers, and all research and educational institutes ministries, organizations, committees, and staff in this area.
- Guild unions and non-governmental organizations in engineering, sciences All consulting companies and executives in engineering projects
- All Policy Making organizations, departments, and organs in engineering, sciences Companies, technical and engineering offices, contractors, mass constructors, and employers

## Why Choose Us

- Learn & Discuss
- Network and Connect
- Spread the Impact
- Recognized
- New tips & tactics

# Catalysis Symposium 2025

## Committee Members



Takashiro Akitsu

**Biography:** Takashiro Akitsu, Ph.D., is a professor in the Department of Chemistry, Faculty of Science Division II, Tokyo University of Science, Japan. He obtained his Ph.D. in Physical and Inorganic Chemistry from Osaka University, Japan, in 2000. Dr. Akitsu studied at the Institute for Protein Research, Osaka University (metalloproteins), Keio University, Japan (photo and magnetic functional organic/inorganic hybrid compounds), and Stanford University, USA (physical and bioinorganic chemistry) before moving to the Tokyo University of Science. He has published 220 articles and book chapters. He has also served as an editorial board member and peer reviewer for many journals and was involved in the organizing committees for several international conferences.

**Biography:** Dr. Omid Akbarzadeh Pivehzhani is working with University of Wisconsin-Milwaukee, Department of Chemistry and Biochemistry as a research scientist. He used to work at Nanotechnology and Catalysis Research Centre, University of Malaya in Malaysia from 2016 to 2020. His main research area is heterogeneous catalysis and catalytic reaction engineering. He has spent 13 years in academic-industrial projects as a research officer and post-doctoral. Dr. Omid has worked 5 years in the oil and gas industry as a chemical engineer. He developed advanced smart catalysts, especially for the oil and gas industries. Dr. Omid has contributed to two PETRONAS Research Sdn Bhd industrial catalyst projects and worked on an international Airbus R&D project in NANOCAT.



Omid A. Pivehzhani



G. Kakhniashvili

**Biography:** Giorgi Kakhniashvili Born on August 13, 1955 in Tbilisi. In 1972-1977 he studied at the Faculty of Chemistry of Ivane Javakhishvili Tbilisi State University. In 1978-1983 he studied at the graduate school of the Faculty of Chemistry of Tbilisi State University, majoring in physical chemistry. In 1978-1983 he worked at the Moscow Karpov Institute of Physics and Chemistry.

**Biography:** Angelos M. Efstathiou, Ph.D. in Chemical Engineering, is a distinguished Professor at the Chemistry Department of the University of Cyprus. His research is focused mainly on environmental and energy related catalysis, including NO<sub>x</sub>-control (H<sub>2</sub>-SCR, NH<sub>3</sub>-SCR), three-way catalysis, dry reforming of methane, Fischer-Tropsch synthesis, water-gas shift, and CO<sub>2</sub> hydrogenation to syn-CH<sub>4</sub> and alcohols reactions. Prof. Efstathiou's research pioneers the use of advanced transient kinetic and isotopic methodologies for in situ catalyst characterization and mechanistic studies of heterogeneous catalytic reactions. He is the author of more than 175 peer-reviewed scientific publications and 4 book chapters with over 9800 citations and an h-index of 60 (Google Scholar).



Angelos M Efstathiou



G.V.R Sharma

**Biography:** GVR Sharma is a versatile author in the field of chemical sciences and pharmacological studies on natural products. And has dedicated their major research contributions in the field of natural medicine, phytomedicine, bioactive compounds, herbal drugs, phytochemistry, etc.

# Catalysis Symposium 2025

## Keynote Speakers



**Jose Luis Contreras**, Universidad Autónoma Metropolitana, Mexico

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**Title:** Production of hydrogen by Ethanol and Glycerol steam reforming using Ni-Co/Ex-Hydrocalcite-WOx catalysts



**Paulo C. De Morais**, Catholic University of Brasilia, Brazil

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**Title:** Unveiling Exotic Nanomaterials for Hyperthermia



**Ioana Stanciu**, University of Bucharest, Romania

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**Title:** Rheological behavior of corn oil at different viscosity and shear rate



**Fanelwa Ngece Ajayi**, University of the Western Cape, South Africa

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**Title:** Fabrication of iridium nanocomposites for the detection of selective serotonin re-uptake inhibitors (SSRIs)



**Vaddiraju Namratha**, Satavahana University, India

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**Title:** Medicinal importance of Boswellia Serrata (guggulu)



**Houda Attjioui**, Abdelmalek Essaadi University, Morocco

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**Title:** Need to be updated

# Catalysis Symposium 2025

## Speakers



**Chih-Wei Luo**, National Yang Ming Chiao Tung University, Taiwan

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**Title:** Need to be updated



**Mohamed hassan dadoura**, F & D Engineering Co, Egypt

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**Title:** Enhancement of quasi-static compression strength for aluminum open-cell foam blocks shielded by aluminum tubes



**Y. Prashanthi**, Mahatma Gandhi University, India

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**Title:** Development of Vegetable Oil Based Polymer/TiO<sub>2</sub> Nanocomposites as Anticorrosive and Antimicrobial Coatings



**Kavitha Kothireddy**, JNTU, India

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**Title:** Synthesis Of Novel N-Alkylated Indolyl/Pyrrrolyl-2-(4-(2-Oxo-2H-Chromen-3-Yl)Thiazol-2-Yl)Acrylonitriles And Evaluation Of Their Anti-Hepatoma Cellular Carcinoma Studies With Molecular Docking

# Catalysis Symposium 2025

## Speakers



**Ezzouhra El Maaiden**, UM6P, Morocco

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**Title:** Deep Eutectic Solvent-Ultrasound Assisted Extraction as a Green Approach for Enhanced Extraction of Naringenin from *Searsia tripartita*



**Mohamed Elhelaly**, TIMS, Cairo, Egypt

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**Title:** Metallurgical Failure Analysis of Produced Water Pipe for 1st Stage Oil Separator



**Nouredine Boudar**, Université Hassan II, Morocco

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**Title:** The structural and magnetic study of  $\text{SrLa}_2\text{FeCuSbO}_9$



**Srinivas Gali**, Satavahana University, India

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**Title:** Design, Synthesis of Benzimidazole Tethered 3,4-Dihydro-2H-Benzo[e][1,3]Oxazine-2-ones as Antimicrobial Agents



**Farai Dziike**, Durban University of Technology, South Africa

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**Title:** High Mechanical Strength Carbon Nanofibers Fabrication: A Comparative Study of Biomass Electrospun Nanofibers and CVD Synthesized Nanofibers Over Nickel Decorated RANR

# Catalysis Symposium 2025

## Speakers



**Anandakumar Srinivasan**, Anna University, India

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**Title:** POSS-Epoxy Nanocomposites with Enhanced Thermo-mechanical, Dielectric and Anticorrosion properties



**Anuj Kumar**, GLA University, India

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**Title:** Intelligence of porphyrin-type electrocatalysts towards oxygen reduction reaction.



**Raghu Dasari**, Satavahana University, India

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**Title:** Synthesis of novel triazolothione, thiadiazole, triazole functionalized quinazolin-4(3H)-one derivatives and their Antimicrobial activity and Docking studies



**Salih Aydogan**, Konya Technical University, Turkey

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**Title:** The electrochemical dissolution of zinc from sphalerite mineral using sulphuric acid with potassium dichromate solution.

# Catalysis Symposium 2025

## Speakers



**Mahmoud Motasim**, Konya Technical University, Turkey

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**Title:** The electrochemical dissolution of zinc from sphalerite mineral using sulphuric acid with potassium dichromate solution.



**Donatella Canistro**, University of Bologna, Italy

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**Title:** Need to be updated



**P. V. Rajeswari**, Gayatri vidya Parishad College of Engineering, India

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**Title:** Need to be updated



## Scientific Sessions

- Catalysis & Chemical Reaction Engineering
- Chemical Kinetics and Catalysis
- Chemical reaction engineering
- Catalytic Materials & Mechanisms
- Material Science & chemical engineering
- Chemistry in Nanotechnology
- Environmental Catalysis
- Photochemistry, Photobiology & Electrochemistry
- Bio catalysis and Green chemistry
- Industrial & Engineering
- Nano catalysis
- Electro catalysis
- Photocatalysis Metal corrosion and chemical reactions
- Autocatalysis Catalysts & Catalysis
- Molecular Catalysis
- Organic Chemistry
- Physical Chemistry
- Analytical Chemistry
- Inorganic Chemistry



## Sponsorship Opportunities:

- Reach your target market with exclusive packages
- Promote brand recognition through high visibility
- Communicate directly with influential decision makers
- Provide solutions to technology challenges Source new products
- Leverage these benefits to achieve returns on your marketing
- dollars Reach a High Qualified Target Audience with this Strategic Opportunity!

## Event Highlights:

- 25+ Interactive Sessions
- 5+ Workshops
- 30+ Hours of Networking Events
- 15+ Keynote Speakers Participants
- From Industry & Academia
- (50:50) 50+ Innovative Featured Speakers B2B Meetings World-class Exhibitions

## Calendar Marks:

- First-round Abstract Submission Closes On June 14, 2024
- Second round Abstract Submission Closes On December 29, 2024
- Final round Abstract Submission Closes On April 30, 2025
- Early Bird Registration: October 19, 2024
- Mid-Term Registration: March 15, 2025
- On-site Registration: May 14, 2025



# Catalysis Symposium 2025

## Venue and Location:

### **Boston Manor Hotel**

146-152 Boston Rd, London W7 2HJ,  
United Kingdom

## Looking for additional information?

**Visit us :** <https://www.infygroups.org/catalysis-conference>

### **For Abstract Submission Visit:**

<https://www.infygroups.org/abstract-submission>

### **Register Online at:**

<https://www.infygroups.org/regististration>

**Group Discounts:** Groups of three or more will receive a Special discount by using the group code. If you have any questions please contact us at **[catalysis.congress2k25@gmail.com](mailto:catalysis.congress2k25@gmail.com)** or WhatsApp: **+447861670680**

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Meet Our Team

### **John Brandon**

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Sponsorship Enquiry

### **John Brandon**

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