22nd Edition of Global Conference on

Catalysis, Chemical Engineering & Technology

Theme: Advancing Catalysis & Chemical Engineering: From Principles to Practice

05-07TH OCTOBER 2026

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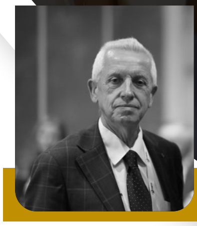
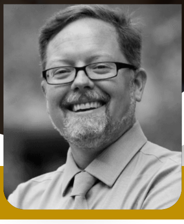
Our SCIENTIFIC COMMITTEE MEMBERS



STANISLAW DZWIGAJ
Sorbonne University, France



THOMAS J WEBSTER
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DAI YEUN JEONG
Asia Climate Change Education Center, Korea, Republic of

SERGEY SUCHKOV
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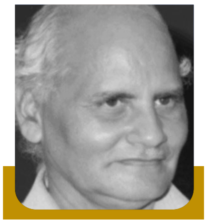
ENRICO PARIS
CREA-IT & DIAEE, Italy

TOKEER AHMAD
Jamia Millia Islamia, India



RAM SAMBHAR SHUKLA
CSIR-Central Salt and Marine Chemicals Research Institute (CSMCRI), India

Scientific TOPICS

- Catalysis for Energy
- Chemical Engineering
- Heterogeneous Catalysis
- Environmental Catalysis
- Fluid Mechanics
- Petrochemical Engineering
- Green and Sustainable Chemistry
- Catalysis for Renewable Sources
- Catalysis for Biorefineries
- Advances in Catalysis and Chemical Engineering
- Biocatalysis and Biotransformation
- Surface Chemistry: Colloid and Surface aspects
- Computational Catalysis
- Homogeneous Catalysis
- Industrial Catalysis
- Organocatalysis
- Separation Processes
- Enzymatic Catalysis and Microbial Technology

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VENUE
Hilton Tokyo Narita Airport, 456 Kosuge Narita City Chiba 286-0127, Tokyo, Japan

Keynote Presentations

Title: Application of vanadium, tantalum and chromium single-site zeolite catalysts in catalysis

Stanislaw Dzwigaj, Sorbonne University, France

Title: Nanomaterials to fight cancer, cysts, infection, and numerous other health ailments: Human data

Thomas J Webster, Brown University, United States

Title: The Concept and Implications of Low Carbon Green Growth

Dai Yeun Jeong, Asia Climate Change Education Center, Korea, Republic of

Title: Personalized and Precision Medicine (PPM) as a unique healthcare model via bi-odesign, bio- and chemical engineering, translational applications, and upgraded business modeling to secure the human healthcare and biosafety

Sergey Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences, Russian Federation

Title: Influence of various catalysts on H enhancement and CO2 capture during syngas upgrading

Enrico Paris, CREA-IT & DIAEE, Italy

Title: Advanced nanostructures for carbon neutrality and sustainable H energy

Tokeer Ahmad, Jamia Millia Islamia, India

Title: Advances in heterogeneous catalysis for green conversion of propene to aldehydes and alcohols

Ram Sambhar Shukla, CSIR-Central Salt and Marine Chemicals Research Institute (CSMCRI), India

Oral Presentations

Title: Reversible redox dynamics of cocatalysts underpinning photocatalysis for solar hydrogen production

Zheng Li, University of Calgary, Canada

Title: The Fe PNP 15 H2O catalyst reduction catalytic test and its valorisation as acid catalyst to the methylal synthesis

Rabeharitsara Andry Tahina,GPCI-ESPA Antananarivo University, Madagascar

Title 1: Oxidation of methane to methanol over pairs of transition metal ions stabilized in the zeolite matrices

Title 2: Distant binuclear vanadium V(II) cationic sites in zeolites and their reactivity

Jiri Dedecek, J Heyrovsky Institute of Physical Chemistry , Czech Republic

Title: Dimethyl ether synthesis from syngas over Cu-Zn/Al2O3 catalysts prepared using the Sol-Gel method

Uday Som, Research and Development Engineer, Japan

Title: Photoaligned azodye nanolayers : New nanotechnology for liquid crystal devices

Vladimir G Chigrinov, Hong Kong University of Science and Technology, Russian Federation

Title: Antibody-proteases as a generation of unique biomarkers, biocatalysts, potential targets and translational tools towards nanodesign-driven biochemical engineering and precision medical practice

Sergey Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences, Russian Federation

Oral Presentations

Title: Memory characteristics and diffusionless phase transformations in shape memory alloys

Osman Adiguzelm, Firat University, Turkey

Title: A facile highly selective colorimetric detection of Pb^{2+} ions using gold nanoparticles as a probe and its application in real samples analysis

Manjushree Bhattacharyya, Vidyasagar University, India

Oral and Poster presentations slots are avaialable!!