The ICONIC MEETINGS
.....Meet Influential People.....

World Conference on Catalysis and Chemical Engineering

April 06-08, 2026 | Tokyo, Japan

PROGRAM

Email: *WCCCE-2026@iconicconferences.org*
Website: *https://catalysis.theiconicmeetings.com/*

Day 1 (April 06, 2026)	
MainHall	
08:30-09:30	**Registrations**
09:30-09:35	**Introduction**
09:35-10:00	**Opening Ceremony**
Plenary session	
10:00-10:45	**Title:Layered double hydroxides-based Z-scheme heterojunction for photocatalysis** **Peng Wang (Department of Chemical Engineering),** *Eindhoven University of Technology, China*
10:45-11:30	**Title:The Importance of Spin-Polarized Charge Reorganization in the Catalytic Activity of D-Glucose Oxidase** **Ron Naaman (Deportment of Chemical Physics),** *Weizmann Institute of Science, Israel*
11:30-11:50	**Refreshments Break@ Foyer**
Keynote Session	
11:50-12:25	**Title: MCEND: An open-source program for quantum electron-nuclear dynamics** **Angela K. Wilson (Professor of Chemistry),** *Michigan State University, East Lansing, MI*"
12:25-12:55	**Title: Highly Dispersed NiO Clusters Induced Electron Delocalization of NiONiC Catalysts for Enhanced CO_2 Electroreduction** **Jieshan Qiu (Department of Forensic Science),** *Beijing University of Chemical Technology, China*
12:55-13:55	**Group Photo & Lunch Break**
13:55-14:30	**Title: Structure Sensitivity of ZnZrOx Catalysts in CO_2 Hydrogenation to Methanol: Significance of Surface Oxygen Content and Synthesis Strategy** **Ning Yan (Department of Chemical & Biomolecular Engineering),** *National University of Singapore, Singapore*

14:30-15:05	**Title: Exploiting hot electrons from a plasmon nanohybrid system for the photoelectroreduction of CO_2** **Jacinto Sá (Professor of Chemistry),** *Professor at Uppsala University, Sweden*
Featured Talks	
15:05-15:25	**Title:A 2D microporous 'flexible-robust'MOF for efficient natural gas purification with C_2s/CH_4 and CO_2/CH_4 separations** **Raka Ahmed (Postdoctoral Researcher),** *University of Copenhagen, Copenhagen, Denmark*
15:25-15:35	**Refreshments Break@ Foyer**
15:35-16:00	**Title:Experimental and Computational Study of Ecofriendly Synthesis of Silver Nanoparticles from Natural Extracts: Self-Controlled Nucleation and Growth, and Colorimetric Detection** **Benjawan Ninwong (Phd student),** *King Mongkut's University of Technology Thonburi, Thailand*
16:00-16:25	**Title: Preparation and Oxygen Evolution Reaction on Nanoporous Semi-transparent La0.8Sr0.2CoO3 Coatings: Stability and Mechanism in Neutral Medium** **Aditi Singhal (Assistant Professor, Chemistry),** *Ahmedabad University, India*
Speaker Slots Available	

Day 2 (April 07, 2026)	
08:30-09:30	**Registrations**
Plenary Session	
10:00-10:45	**Title: Material-System Co-Design: An Essential Approach to the Development of Hydrogen Storage Materials** **Mark D. Allendorf (Deportment of Chemistry),** *Sandia National Laboratories, USA*

10:45-11:30	**Title: Influence of the Mn Promoter on the Composition and Activity of the Adsorbed Phase in the Carbon Paths of the CO Hydrogenation Reaction on 20 wt% Co/MnO x-Al_2O_3: An Operando** **Angelos M. Efstathiou (Professor of Chemistry),** *University of Cyprus, Cyprus*
11:30-11:50	**Refreshments Break@ Foyer**
	Keynote session
11:50-12:25	**Title: The Co/NbN interphase as an effective ammonia synthesis catalyst** **Jakob Kibsgaard (Department of Physics Surface Physics and Catalysis),** *Technical University of Kongens Lyngby, Denmark*
12:25-12:55	**Title: Emergent Mechanisms in Biocatalysis** **Todd Hyster (Research Organic Chemistry, Biocatalysis),** *Chemistry at Princeton University, USA*
12:55-13:55	**Group Photo & Lunch Break**
13:55-14:30	**Title:Direct Visualization and Analysis of Miscibility in Metallic and Inorganic Subnanometer Clusters** **Kimihisa Yamamoto (Professor in Chemical engineering),** *Tokyo Institute of Technology, Japan*
14:30-15:05	**Title:Phenyl-Modified g− C_3N_4/TiO_2 Hybrids: A Combined Computational and Experimental Investigation for Sustainable Photocatalysis** **Shelly S. Schaefer (Department of Photocatatylic),** *Dipartimento Di Fisica Universita Degli studi Di Cagliari, Italy*
	Featured Talks
15:05-15:25	**Title: A biohybrid strategy for enabling photoredox catalysis with low-energy light** **Minjung Son (Assistant Professor),** *Boston University Newton, Massachusetts*
15:25-15:35	**Refreshments Break@ Foyer**

15:35-16:00	**Title: Nickel-Catalyzed Simultaneous Iron and Cerium Redox Reactions for Durable Chemical Looping Dry Reforming of Methane** **Shang Zhai (Assistant Professor),** *The Ohio State University,Columbus, United States*
16:00-16:25	**Title: Microstructure and Viscoelasticity of Oppositely Charged Ionomer Blend Melts** **Shuyi Xie (Assistant Professor),** *Texas A&M University, United States*
Speaker Slots Available	

Day 3 (April 08, 2026)	
MainHall	
08:30-09:30	**Registrations**
Plenary session	
10:00-10:45	**Title: Influence of the Mn Promoter on the Composition and Activity of the Adsorbed Phase in the Carbon Paths of the CO Hydrogenation Reaction on 20 wt% Co/MnO x-Al2O3: An Operando** **Angelos M. Efstathiou (Professor of Chemistry),** *University of Cyprus, Cyprus*
10:45-11:30	**Title:Complex Coacervates: From Polyelectrolyte Solutions to Multifunctional Hydrogels for Bioinspired Crystallization** **Helmut Coelfen (Professor for Physical Chemistry),** *University of Konstanz, Germany*
11:30-11:50	**Refreshments Break@ Foyer**
Keynote session	
11:50-12:25	**Title: Catalytic Methane Pyrolysis to Carbon Nanotubes — Temperature Effect and Separation Methods** **Fenglou Zou (Research & Development on polymer,** *bio-fuel, and catalyst), Volta Energy, Canada*

12:25-12:55	**Title: A New Trend in Alumina Refineries: Production of Pseudoboehmite as HDS and HDN Catalyst Support Material from Bayer Liquor** **Ibrahim Demir (Professor of Chemistry),** *Eti Aluminium, Turkey*
12:55-13:55	**Group Photo & Lunch Break**
13:55-14:30	**Title:Self-driving laboratory platform for many-objective self-optimisation of polymer nanoparticle synthesis with cloud-integrated machine learning and orthogonal online analytics** **Richard Bourne (Professor of Digital Chemical Engineering),** *University of Leeds, United Kingdom*
14:30-15:05	**Title: Self-supported high entropy materials as robust water splitting electrocatalysts, optimising platinum group metals utilization** **Jonathan Ruiz Esquius (Research),** *Carbon Science and Technology Institute (INCAR-CSIC), Spain*
Featured Talks	
15:05-15:25	**Title: Microstructure and Viscoelasticity of Oppositely Charged Ionomer Blend Melts** **Shuyi Xie (Assistant Professor),** *Texas A&M University, United States*
15:25-15:35	**Refreshments Break@ Foyer**
15:35-16:00	**Title: Thermodynamics-informed machine learning for predicting temperature-dependent chemical properties** **Seyed Mohamad Moosavi (Assistant Professor),** *University of Toronto, Canada*
16:00-16:25	**Title: Locating dislocations in organic crystals** **Qian Chen (Professor),** *China University of Petroleum, China*
16:25-16:50	**Title:Contact electrification of a live metallocene catalyst and its components in an atmospheric polyethylene fluidized bed** **Poupak Mehrani (Professor of Chemical and Biological Engineering),** *University of Ottawa, canada*
Speaker Slots Available	

Sponsors / Exhibitors