Session Partners

NEWREKA Green Chemistry for Value

Hindustan Platinum

IGCW2025 - TECHNICAL SESSION ON CHEMO-CATALYSIS FOR SUSTAINABILITY

8th October 2025 (Wednesday) | The Westin Mumbai Garden City

Session Mentors

Prof. Anant Kapdi,
Assistant Editor, Sustainability & Circularity Now; Assistant Professor,
Institute of Chemical Technology (ICT)

Dr. Raksh Vir Jasra,
Sr. Vice President - R&D,
Reliance Industries Ltd.

Timing		Speaker, Designation, Company	Topic / Title of Presentation
08:30 - 09:30	**Registration, Tea/Coffee, Networking, Visiting IGCW Expo**		
09:30 - 09:40	Industry & Acacemic Mentors for the Session Welcome, Acknowledgement, Self-Introduction & Creating Context for the workshop		
09:40 - 10:10		Keynote: Prof. Sachin Handa, Associate Professor of Chemistry, **University of Missourie**	Catalysis Without Compromise: Evaluating Ligand-Controlled vs. Ligand-Free Systems for a Greener Future
10:10 - 10:40		Prof. Buddhadeb Chattopadhyay, Associate Professor, **Indian Institute of Science Education & Research (IISER) - Pune**	Catalyst Engineering for Direct C–H Bond Functionalization
10:40 - 11:10		Dr. Akshai Kumar Alape Seetharam Associate Professor, Department of Chemistry; Head, **Centre for Nanotechnology Indian Institute of Technology - Guwahati**	Pincer-Metal Catalysis for Generation of Hydrogen, Fuel & Specialty Chemicals
11:10 - 12:00	**Tea/Coffee Networking Break, Visiting IGCW Expo.**		
12:00 - 12:30		Keynote: Prof. Debabrata Maiti, Institute Chair Professor, Department of Chemistry & Centre for Climate Studies, **IIT-Mumbai**	Unlocking new chemical space via selective catalysis
12:30 - 13:00		Dr. Thomas Colacot VP - R&D, **Hindustan Platinum Ltd.**	Pd Catalyzed Cross-Coupling for Sustainable API Synthesis
13:00 - 13:30		Prof. Chris Slootweg, Full Professor - Circular Chemistry, Faculty of Science, **University of Amsterdam** (Online)	Smarter Chemistry, Green, Circular and Safe by Design
13:30 - 14:45	**Lunch Break, Visiting IGCW Expo.**		
14:45 - 15:15		Keynote: Prof. Anant Kapdi, Assistant Editor, Sustainability & Circularity Now; Assistant Professor, **Institute of Chemical Technology (ICT).**	Laboratory to Market: Development of Catalysts, Reagents For Solving Key Research Problems
15:15 - 15:45		Prof. Ekambaram Balaraman, Associate Professor Chair, Department of Chemistry, **IISER Tirupati**	Sustainable Chemical Production via Catalytic Dehydrogenation Strategy
15:45 - 16:15		Prof. Dr. Venkata Krishnan, Professor, School of Chemical Sciences and Advanced Materials Research Center, **Indian Institute of Technology - Mandi**	Sustainable Non-noble Metal based Catalysts for the Green Synthesis of Active Pharmaceutical Ingredients and other Value added products
16:15 - 17:00		**Panel Discussion: "How Green and Sustainable is my Catalyst?"** **Moderator:** Prof. Anant Kapdi, **Insitute of Chemical Technology (ICT)**	
		• Dr. Thomas Colacot, VP, R & D, **Hindustan Platinum**	• Dr. Shreeram Joshi, Director, Innovation Development Asia, **Evonik India Pt. Ltd.**
		• Dr. John Warner, Founder, **The Technology Green House**	• Prof. Sachin Handa, Associate Professor of Chemistry, **University of Missourie**
17:00 - 17:10		Dr. Satish Lanke, Founder & MD, **Catalogic Technologies LLP**	Sustainable Palladium Catalysis for sustainability - Recent Developments, Engineering and Economics
17:10 - 17:20		Dr. Sanjay Kamble, Senior Principal Scientist, Chemical Engg. & Process Development Division, **CSIR-National Chemical Laboratory (NCL)**	Catalytic continuous process for the production of intermediates and API's: case studies on process transformation from laboratory to commercial scale process
17:20 - 17:30		Industry & Acacemic Mentors for the Session	Closing Remarks & Acknowledgements
17:30 - 18:00	**Tea/Coffeee Break, Visiting IGCW Expo**		