

IGCW2025 - Technical Session on Software & Analytical Tools for Green & Sustainable Chemistry

Venue for IGCW2025: Hotel Westin Mumbai Garden City, Goregaon (E), Mumbai, India

Date for this Technical Session: 8th October'2025 (Wednesday)

Expected Participants: Senior Scientists (President, VP, GM, Manager, etc) from R&D, Analytical, Quality Control, Process Development

Expected No. of Participants: approx. 30 - 40

Objectives:

1. To learn how large Pharma & Fine Chemical companies drive Green Chemistry using software & analytical tools.
2. To explore Computational Chemistry, Artificial Intelligence & Machine Learning as tools for Sustainable Chemistry.
3. To introduce innovative software tools like Synthia, SciFinder-N, VisiMIX, MixIT, etc that facilitate Process Research.
4. To connect to solution providers offering innovative software & analytical tools that enable Green Chemistry.

Timing	Speaker, Designation, Company	Topics	Context & Content/Comments
8:30 - 9:30 hr	Registration, Tea/Coffee, Networking, Visiting IGCW Expo		
9:30 - 9:40 hr	Mentors for the Session	Welcome, Acknowledgement, Self-Introduction & sharing work, Creating Context for the workshop, Introducing Keynote Speaker	
9:40 - 10:15 hr	Dr. Todd Maloney, Associate Vice President, Eli Lilly & Company (Invited)	Title of presentation awaited	30 min PPT, 5 min Q&A
10:15 - 10:45 hr	Dr. Aruna Khanolkar, Director, Quality by Design (QbD) & Operational Excellence, Cipla Ltd.	Title of presentation awaited (Topic - Overview of software & analytical tools used by Cipla)	25 min PPT, 5 min Q&A
10:45 - 11:30 hr	Tea/Coffee Networking Break, Visiting IGCW Expo.		
11:30 - 12:00 hr	Dr. Ninad Loke, Tech Lead - Process Engineering, Dr. Reddys Laboratories Ltd.	Title of presentation awaited	25 min PPT, 5 min Q&A

12:00 - 12:30 hr	Dr. Gautam Samanta, Director, AGS Pharma Consulting	Title of presentation awaited (Topic - DOE)	25 min PPT, 5 min Q&A
12:30 - 13:00 hr	Ms. Manasa Jayavibhava, Process Engineer, Syngene International	Title of presentation awaited (Topic - Overview of software tools used by Syngene)	25 min PPT, 5 min Q&A
13:00 - 13:30 hr	Dr. Joe Hannon, Senior Advisor, Mettler Toledo International, Inc. (Invited)	Title of presentation awaited	25 min PPT, 5 min Q&A
13:30 - 14:30 hr	Lunch Break, Visiting IGCW Expo.		
14:30 - 15:00 hr	Mr. R. N. Mohanty, President, Pidilite Industries Ltd.	Title of presentation awaited (Topic - Computational Chemistry at Pidilite)	25 min PPT, 5 min Q&A
15:00 - 15:30 hr	Mr. Rajesh Srinivasaraghavan, Co-founder, Bacuti	AI for your Net Zero	25 min PPT, 5 min Q&A
15:30 - 16:00 hr	Dr. Manish Khandagale, Solutions Consultant - Lab Informatics, Rivvity Signals	Title of presentation awaited	25 min PPT, 5 min Q&A
16:00 - 16:15 hr	Mr. Dinesh Malviya, Country Head (India & Asia Region), VisiMix	Title of presentation awaited (Topic - Introducing VisiMIX tool)	15 min PPT and Q&A
16:15 - 16:30 hr	Dr. Gopal Kasat, Project Manager, TriDiagonal Solutions Pvt. Ltd. (Invited)	Title of presentation awaited (Topic - Introducing MixIT)	15 min PPT and Q&A
16:30 - 16:45 hr	Mr. Prasad Bidwe, Senior Sales and Product Specialist – APAC Region, Merck Life Science Pvt. Ltd.	Advancing Sustainable Synthesis with SYNTHIA® Retrosynthesis Software	15 min PPT and Q&A
16:45 - 17:00 hr	ACS International (Speaker to be Confirmed)	Title of presentation awaited (Topic - Introducing SciFinder-n)	15 min PPT and Q&A
17:00 - 17:15 hr	Mr. Kingston Arulappan Felix Elango, Technology Solutions Consultant – Scientific AI & Automation, Zifo RnD Solutions	AI Enabled Chemistry Data Lifecycle Optimization	15 min PPT and Q&A
17:15 - 17:25 hr	Mentors for the Session	Closing Remarks & Acknowledgements	

17:25 - 18:00 hr	Tea/Coffee Break, Visiting IGCW Expo
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Industry Mentor: Dr. Gautam Samanta, Director, AGS Pharma Consulting
Dr. R. Srividya, Global Head CDMO DS, Aurigene Pharmaceutical Services Ltd.
Dr. Kaustav Chakraborty, R&I and Funding Excellence Manager, Syensqo