

ACS-GCI Workshop on Tools, Techniques & Metrics

Date: 16th October'2019 (Wednesday)

Expected Participants: President-R&D, VP - R&D, Head-R&D, GM-R&D, Senior Scientists, Process Chemists & Engineers

Expected No. of Participants: 75+

- Objectives:**
1. To share about ACS-Green Chemistry Institute Pharmaceutical Roundtable, their commitment & initiatives for Pharmaceutical Industry.
 2. To introduce Green Chemistry Metric system including PMI (being used by global pharmaceutical companies).
 3. To introduce Green Chemistry tools like Solvent Selection Guide & Reagent Selection Guide.
 4. To share successful case studies of Green Chemistry implementation at Merck, Pfizer & Bristol Myers-Squibb.

Timing	Speaker, Designation, Company	Topics	Context & Content/Comments
9:00 am - 9:30 am	Green ChemisTree Foundation Representatives	Welcome, Acknowledgement, Prayer, Creating Context for IGCW2019	
9:30 am - 10:00 am	Welcome Address by Chief Guest	Welcome, Launching IGCW App	
10:00 am - 10:45 am	Prof. Paul Anastas, Director, Centre for Green Chemistry & Green Engineering at Yale, USA Dr. John Warner, President & CTO, Warner Babcock Institute of Green Chemistry, USA	Day I Inaugural Keynote Address (Main Auditorium)	
10:45 am - 11:30 am	Tea/Coffee Networking Break, Visiting IGCW Expo. After break, move to Seminar Halls for parallel sessions.		
11:30 am - 11:40 am	Welcome by Dr. Debabrata Maiti, Chemistry, Associate Professor, Department, IIT-Bombay		
11:40 AM - 12:30 pm	Dr. Guy Humphrey, Distinguished Scientist, Merck, Sharp & Dohme (MSD), USA	Keynote:	Introduction to GCIPR (Philosophy, Commitment & initiatives), Sharing Merck's experience
12:30 pm - 1:00 pm			
1:00 pm - 2:30 pm	Lunch Break, Visiting IGCW Expo		
2:30 pm - 3:00 pm	Dr. David Constable, Science Director, ACS-Green Chemistry Institute, USA		Introducing Green Chemistry Metrics, PMI
3:00 pm - 3:30 pm	Dr. David Constable, Science Director, ACS-Green Chemistry Institute, USA		Solvent Selection Guide & Reagent Guide
3:30 pm - 4:00 pm	Dr. David Constable, Science Director, ACS-Green Chemistry Institute, USA		Exercise/Examples on Solvent/Reagent Selection Guides
4:00 pm - 4:45 pm	Tea/Coffeese Break, Visiting IGCW Expo		

4:45 pm - 5:15 pm	Dr. Vaidyanathan Rajappa, Group Director - Chemical, Synthetic & Analytical Development, Bristol-Myers Squibb, India		Industrial Case Studies on Green Chemistry & Engg. from BMS
5:15 pm - 5:45 pm	Dr. Rajesh Kumar, Chair Pfizer WRD Green Chemistry Team & Associate Research Fellow, Biocatalysis Group, Pfizer Inc., USA		Industrial Case Studies on Green Chemistry & Engg. from Pfizer
5:45 pm - 6:00 pm	Open Discussion & Closing Remarks		
6:00 pm - 6:30 pm	Tea/Coffee Break, Visiting IGCW Expo		
6:30 pm onwards	SERB - IGCW Awards Evening Ceremony, followed by Networking Dinner		

IIT Mentor: Dr. Debabrata Maiti, Associate Professor, Chemistry Department, IIT-Bombay