



Day One – 9th April 2025

11:00 Registration

13:00 Welcome and Introduction

13:20 *The 40 Shades of Green Chemistry*
Paul Anastas
Yale University

14:00 Global Thought Leaders Panel Discussion

16:00 Coffee Break

16:30 *Green Chemistry: The Molecular Mechanisms of Sustainability in
Entrepreneurship Connecting Academia and Industry*
John C. Warner
Technology Greenhouse

17:10 Delegate Information Session

17:20 Reception - Poster Session and Exhibitors

19:00 Day One - Close

20:00 Conference Delegate Dinner



Day Two – 10th April 2025

08:50 Welcome and Introduction

09:00 *Teaching Green Chemistry in a Changing World*
Martyn Poliakoff
University of Nottingham

09:40 *Bio-Based Platform Chemicals from Local Plant Oils by Selective Semi-Hydrogenation and Homogeneous Catalysis*
Thomas Seidensticker
TU Dortmund

10:00 *Accelerating Development of Green Chemistry Technologies Through Cross-Sector Collaboration*
Adelina Voutchkova
ACS Green Chemistry Institute

10:40 Coffee Break

11:00 *From Flexible to Adaptive: Dynamic Systems to Control the Performance of Catalysts*
Walter Leitner
Max Planck Institute for Chemical Energy Conversion

11:40 *Sustainable Chemistry & Engineering for Education, Outreach and Recruitment*
Kevin Morgan
Queen's University Belfast

12:00 *Electrochemical Biomass Depolymerization: Will Complex Catalysts Trigger High Product Selectivity?*
Adam Slabon
Bergische Universität Wuppertal

Flash Session One

	James Metcalf	<i>Atmospheric Degradation of New “Green” Solvents</i>
12:20	Philippa Jacob	<i>Machine Learning for Polymer Biodegradability</i>
	Excel O. Anjorin	<i>Advancing Sustainable Water Treatment: Photodegradation of Pharmaceutical Contaminants Using H₃PO₄/SDS-Modified Rice Husk-ZnO Composites</i>

	<i>Sustainable Monomers and Polymers</i>
12:50	Steve Howdle University of Nottingham

13:10 Lunch

14:00

	<i>Genes to GMP: How API Manufacture is 'Going Green' with Engineered Enzymes</i>
14:40	Stefan Mix Almac

	<i>Biobased Reversible Photo-Responsive Polymers for Useful Applications</i>
15:00	Tony Patti Monash University

	<i>Ionic Liquids Technology for Polyurethane Foam Waste Depolymerization</i>
15:20	Pedro Lozano Rodriguez University of Murcia

15:40 Coffee Break

	<i>Come In Number 49, Your Time Is Up: Insights into Speciation and Circularity</i>
16:00	Peter Licence University of Nottingham

Flash Session Two

Andreas J. Vorholt

New Ways of Building Carbon Chains - From Fischer Tropsch to New Synthetic Routes

16:40

Darren Lee

Harnessing the Advances in Synthetic Electrochemistry for Platform Chemical Production from CO₂ and Alcohols

C. K. Bella

Small but Feisty: How Singapore Turns CO₂ Problems into Greener Solutions

17:00

Crude Glycerol – Microbial Substrate for Production of Intermediates and Recombinant Enzymes

Martin Rebroš

Slovak University of Technology

17:20

Green Catalytic Chemistry for the Energy Transition

Johannes A. Lercher

TU München

18:00

Poster Session

19:30

Day Two - Close



Day Three – 11th April 2025

08:50 Welcome and Introduction

09:00 *Hotspot Driven Research in Green and Sustainable Chemistry*
Philip Jessop
Queen's University at Kingston

Flash Session Three

09:40	Mert Can Ince	<i>Continuous Manufacturing of Glycerol Carbonate Derivatives with Techno-Economic and Environmental Impact Assessment Frameworks</i>
	Sarmad Ahmad Qamar	<i>Bioplastics from 'Annurca' Apple Cellulose Doped with Polyphenolic Compounds for 'Active' Food Packaging Applications</i>
	Neil Robinson	<i>Measuring Nuclear Spin Dynamics in Sustainable Engineering Systems</i>

10:00 *Mechanochemistry and Aging-Based Methods as Novel Tools to Transform Biopolymers into High Value Materials*
Audrey H. Moores
McGill University

10:40 Coffee Break

ACS GCI Pharmaceutical Roundtable Workshop
Green Chemistry Tools and Metrics to Design Sustainable Processes

	Nathan McCormack	Ipsen
11:00	David Entwistle	Codexis
	Isamir Martinez	ACS GCI
	Adelina Voutchkova	ACS GCI
<hr/>		
13:00	Lunch	
<hr/>		
14:00	<i>Recent Developments in Asymmetric Synthesis and Catalysis</i> Pat Guiry University College Dublin	
<hr/>		
14:40	<i>The Journey from Lab to Industry – A Sustainable Recycling Technology for Rare Earth Magnets</i> Peter Nockemann Queen's University Belfast	
<hr/>		
15:00	<i>Catalysis and Sustainability from Atom to Planetary Scale</i> Javier Pérez-Ramírez ETH Zurich	
<hr/>		
15:40	Poster Prizes	
<hr/>		
16:00	Conference Close	