

SCHEDULE

5th – 7th September

Circular Chemical Economy Summer School 2023

The Catalyst, Newcastle upon Tyne, NE4 5TG

Day 1: Tues 5th Sept

The Circular Economy: Barriers & Enablers

12:00 - 1:00 Registration and Lunch**1:00 - 1:15** Welcome & Centre Overview

Prof Elizabeth Gibson (Professor of Energy Materials), Newcastle University

1:15 - 2:00 A Chemicals Perspective: Circularity and the Energy Transition

Prof Jeremy Shears (Chief Scientist), Shell

2:00 - 2:45 A Manufacturer Perspective: Reducing Waste in the Healthcare Sector

Joanne Hay-Dick (Associate Director of Operations), Accord Healthcare Limited

2:45 - 3:00 Tea & Coffee Break**3:00 - 3:45** A Waste Management Perspective: What Waste Tells Us about the Linear & Circular Economy

Stuart Hayward-Higham (Chief Technical Development & Innovation Officer), Suez

3:45 - 4:30 A Policy Perspective: The Circular Economy and Net Zero [remote presentation]

Lily Tozer (Head of Industrial Resource Efficiency and IETF Policy), BEIS

4:30 - 4:45 Tea & Coffee Break**4:45 - 5:30** A Start-Up Perspective: Innovation and Risk in the Water Industry

Dr Stephanie Terreni Brown (Director), Pure Water International

Sean Kerr (Founder/Director), Sustainable Thinking Scotland

5:30 - 7:00 Pizza, Posters & Networking (all attendees welcome)**7:30 - 9:00** Crazy Golf (pre-registration required, additional fee)

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Day 2: Weds 6th Sept

Tools for Implementing the Circular Economy

8:30 - 9:15 **Arrival & Morning Tea & Coffee**

9:15 - 10:15 **Introduction to Life Cycle Assessments**

Dr Tom Bradley (Director), Decerna

10:15 - 10:30 **Tea & Coffee Break**

10:30 - 12:00 **Practical demonstration of OpenLCA software**

Dr Tom Bradley (Director), Decerna

Take part: Download the [OpenLCA software](#) in advance, then bring along your laptop and follow the instructions during the demonstration.

12:00 - 1:00 **Lunch**

1:00 - 3:00 **An Introduction to Blockchain Analysis and Just Transition: Creating Societal, Environmental and Economical Impact for Circular Chemistry**

Alan Whiteside (Director of Innovation), Stonnivation

Rajesh Kumar Plamthottathil (CEO & Blockchain Architect), TrackGenesis

Take part: Delegates can participate in group discussions and scenario exercises. There will also be a demonstration of [Postman](#), an open-source API Platform.

3:00 - 3:30 **Tea & Coffee Break**

3:30 - 5:00 **Introduction to Plastics Recycling, Chain of Custody Models, and Mass Balance Approach**

Jonathan Moore (Sector Specialist Packaging), WRAP

Take part: An in-depth Q&A session about plastics recycling policy, chain of custody models and mass balance approach; delegates may wish to [submit questions in advance](#).

6:30 - 8:30 **Evening Meal** (pre-registration required, additional fee)

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Day 3: Thurs 7th Sept

The Circular Economy in Action

- 8:30 - 9:15** **Arrival & Morning Tea & Coffee**
- 9:15 - 9:45** **NEPIC: Encouraging Collaboration Within The North East Process Sector**
Ryan Siddall (Head of Technical), NEPIC
- 9:45 - 10:30** **What Does Circularity in the Plastics World Actually Mean?**
Dr Carlos Ludlow-Palafox (CEO), Enval
- 10:30 - 10:45** **Tea & Coffee Break**
- 10:45 - 11:30** **Opportunities for Circular Economy Chemicals in Wastewater Treatment**
Tamsyn Kennedy (Circular Economy Lead), Scottish Water
- 11:30 - 12:15** **Importance of Circular Economy within Consumer Goods**
Linsey Fuller (Group Scientist), Procter & Gamble (P&G)
- 12:15 - 12:30** **Closing Remarks and Poster Prizes**
- 12:30 - 1:00** **Light Refreshments**
- 1:00 - 2:00** **Workshop for Early Career Researchers: Grant Proposal Writing**
Dr Holly Davidson (Senior Research Funding Development Manager) &
Sarah Warner (Research Funding Development Manager), Newcastle University

Take part: Poster Competition

Indicate your participation when registering online.
First prize £125, Second prize £75, Third prize £50.

Special thanks to our Summer School Sponsors [Shell](#) and [Croda](#),
for sponsoring the poster competition, and the pizza & networking session.



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