

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: Talk Title TBC

Speaker TBC

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

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

4:30 - 4:45 Tea & Coffee Break

4:45 - 5:30 Panel Discussion: "How Do We Distribute Value Across a Circular Supply Chain?"

Prof Elizabeth Gibson, Newcastle University—Chair

Prof Jeremy Shears (Chief Scientist), Shell

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

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

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, informal networking and posters**
- 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
- 3:00 - 3:30** **Tea & Coffee Break**
- 3:30 - 5:00** **Introduction to Mass Balance Approach**
Jonathan Moore (Sector Specialist Packaging), WRAP
- 6:30 - 8:30** **Evening Meal** (pre-registration required, additional fee)



Take part: Poster Competition

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

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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

Special thanks to our Summer School
Poster Competition Sponsor:

Shell

