

## Innovations in Process Chemistry and Technology 2024

# Holistic Thinking for Sustainable Innovations

22nd November 2024

Burlington House, Piccadilly, London, W1J 0BA

Join us for our annual celebration of innovations in process chemistry and technology. This year, we're spotlighting the indispensable role of systems thinking in driving sustainable innovations. Delve into the complex factors impacting the successful commercialisation of new technologies and discover how a more holistic perspective improves process integrity and time to market.

**Cutting-Edge Insights:** Engage with leading experts as they present the latest advancements in process chemistry and technology.

**Digital Integration:** Discover how digital technologies are reshaping traditional processes, paving the way for enhanced efficiency.

**Sustainability Focus:** Explore innovative solutions driving towards a greener future, with a spotlight on sustainable practices and green chemistry initiatives.

**Interdisciplinary Collaboration:** Foster connections with professionals from diverse backgrounds, creating collaborative opportunities and cross-pollination of ideas.

**Systems Thinking in Action:** Gain invaluable insights into the power of holistic thinking in addressing complex challenges, from supply chain optimization to waste reduction strategies.

Don't miss this unparalleled opportunity to celebrate the latest innovations in process chemistry and technology and join us in shaping a more sustainable future.

## Register on the RSC website:

<https://www.rsc.org/events/detail/79514/innovations-in-process-chemistry-and-technology-2024>

|                |      |                        |     |                 |      |
|----------------|------|------------------------|-----|-----------------|------|
| RSC Members    | £100 | Student RSC Member     | £50 | Student Poster* | Free |
| Non-RSC Member | £150 | Student non-RSC Member | £55 |                 |      |

\*The first 10 students submitting a poster abstract to display during the event will receive a free bursary to attend – follow above link.

### 2024 Organising Committee:

Phil Kay, Mukund Chorghade, Fraser Kerr, Alan Steven, Cathy Dwyer, Bao Nguyen, James Barber.

IPCT24 is sponsored by:

 Process Chemistry & Technology Group

 [www.procchem.group](http://www.procchem.group)

   
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## Holistic Thinking for Sustainable Innovations

|       |   |
|-------|---|
| 09:00 | Arrivals & registration   |
| 09:40 | <b>Introductions</b>  |
| 09:50 | <b>James Winterburn - University of Manchester</b><br>Research Commercialisation from Bench to Demonstration Scale - Realising Sustainable Change and impact. |
| 10:20 | <b>Heather Walton - CPI</b><br>Oligonucleotide Manufacture and Sustainability   |
| 10:50 | <b>Hannah Hayes &amp; Miriam Tuner - AstraZeneca</b><br>Towards Sustainable API Development: From Lab Culture to Greener Processes                            |
| 11:20 | <b>Panel Discussion - Morning Speakers Session</b>  |
| 12:00 | <b>Lunch &amp; Poster Session</b>   |
| 13:30 | <b>Nardana Sivendran - Evonik</b><br>Artificial Photosynthesis, Production of Speciality Chemicals using CO <sub>2</sub> and Renewable Energy                 |
| 14:00 | <b>Emma Emanuelsson Patterson - University of Bath</b><br>The Spinning Mesh Disc Reactor: from proof of concept, to scale-up and commercialisation.           |
| 14:30 | <b>Professor Phil Jessop - Queens University</b><br>Hotspot Driven Research in Green and Sustainable Chemistry  |
| 15:15 | <b>Panel Discussion - Afternoon Speakers Session</b>  |
| 15:45 | <b>Closing Remarks</b>  |
| 16:00 | <b>Drinks Reception</b>   |
| 17:30 | Close   |

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