

## Biopharma Facilities for a Sustainable Future

**Venue:** Aston Conference Centre / Aston University, Birmingham, B4 7ET

**Date:** Tuesday 12<sup>th</sup> December 2023

### Conference description:

This one-day conference will cover different aspects of sustainable facility and utility designs as well as approaches to waste minimisation. This conference is suitable and open to all engineers and scientists with an interest in sustainability and manufacturing of biopharmaceuticals. It will be hosted at Aston's Conference Centre in the heart of Birmingham.

### Organising committee:

- Vaughan Thomas (UCL / Tillingbourne Consulting)
- Petra Hanga (UCL / Quest Meat)
- Eirini Theodosiou (Aston University)
- Williams Olughu (Ipsen)
- Henry Charlton (Cytiva)
- Stephen Judd (Arcadis DPS)

### SPONSORS



## **CONFERENCE PROGRAMME**

- 9:00 – 10:00**      *Registration*
- 10:00 – 10:10**      **Introduction to BESIG IChemE and the meeting**  
*Vaughan Thomas*
- CHAIR: TBC**
- 10:10 – 10:30**      **Sustainable facilities: a design house perspective**  
*Stephen Judd, DPS*
- 10:35 – 11:05**      **Sustainable facility design – Fujifilm's Borealis Project**  
*Peter Large, Fujifilm*
- 11:10 – 11:30**      **Modular construction – a sustainable approach**  
*Adrian LaPorta, Bryden Wood*
- 11:35 – 12:00**      *COFFEE BREAK and TECHNOLOGY EXHIBITION*
- CHAIR: TBC**
- 12:00 – 12:20**      **Advances in sustainable solutions at Biopharma facilities**  
*Keith Beattie, EECO2*
- 12:25 – 12:45**      **Sponsor Snapshots - 5 mins each**  
*Frazer Cumming, IWT*
- Will Olughu, Ipsen*
- TBC, PM Group*
- TBC, IPS*
- 12:45 – 14:00**      *LUNCH BREAK and TECHNOLOGY EXHIBITION*
- CHAIR: TBC**
- 14:00 – 14:20**      **Ozonation for effective microbial control in high purity water systems**  
*Ian Smith, Veolia*
- 14:25 – 14:45**      **Ambient WFI generation to reduce energy demands.**  
*Richard O'Neill, BWT*
- 14:50 – 15:30**      *COFFEE BREAK and TECHNOLOGY EXHIBITION*

- 15:30 – 15:50**      **Incorporating sustainable materials into new and existing single use consumables and medical devices.**  
*Anu Solanki, PA Consulting*
- 15:55 – 16:15**      **Recycling of post-use bioprocessing plastic containers – mechanical recycling technical feasibility**  
*Miriam Monge, Sartorius*
- 16:20**                **Final remarks and close of meeting**
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