



University of
East London

Year of
Science



Year of Science Symposium: Engineering a Greener Future

Year of Science Symposium: Engineering a Greener Future is an event aimed at bringing together experts, researchers, students, industry professionals, policymakers, and community stakeholders to discuss and collaborate on strategies for advancing sustainable engineering solutions. During this symposium we will be celebrating World Engineering Day for Sustainable Development at the University of East London (UEL) aligning with the university's ethos, vision, and capabilities. We plan to host this event for two days at the University involving different stakeholders, bringing in together innovation and talent to prepare us for a sustainable future.

Day 1 of our event is dedicated to Promoting Sustainability by highlighting the pivotal role of engineering in addressing environmental, social, and economic challenges. We focus on raising awareness among communities and policymakers, inspiring future generations to pursue sustainable engineering careers, and facilitating collaboration across sectors for collective action towards achieving the UN Sustainable Development Goals as well as our institutional Impact pillars.



4 March 2024

Join us for a day of insightful discussions,
knowledge-sharing, and networking opportunities!

Location: RDCS Ground Floor

Time: 9am – 5pm

9 – 9:45am:
Registration

9:45 – 10am:
Welcome Address by Prof David Tann

10 – 10:30am:
Sustainable Engineering Solutions for Urban Flood Disasters under a Changing Climate
Speaker: Prof Kapil Gupta - IIT Bombay

10:30 – 11am:
Addressing the Climate Emergency through Sustainable Architectural and Engineering Design - A Case Study
Speaker: Karl Micallef - Skidmore, Owings & Merrill, London

11 – 11:30am:
Energy Transition and Net Zero
Speaker: Daniel Kenning - Splendid Engineering

11:30am – 12pm:
Geosynthetics and Sustainable Engineering Application
Speaker: Dave Woods, HUESKER Limited

12 – 1pm:
Networking Lunch for staff and speakers (Location: STEAM ROOM)

1 – 1:30pm:
UEL and Sustainable Cities
Speaker: Robert de Jong, Royal Docks Centre for Sustainability

1:30 – 2pm:
How We Can Save the World Project by Project
Speaker: Sally Sudworth - RedR UK

2 – 2:30pm:
Sustainability and Engineering: A Complex Friendship
Speaker: Lee Billingham - Innovateer

2:30 – 3pm:
Carbon Limiting Technologies: Accelerating the Impact of Sustainable Engineering
Speaker: Michael Cullinane - Carbon Limiting Technologies

3 – 3:30pm:
Closing Remarks

3:30 – 5pm:
Academic Showcase and Networking (RDCS Ground Floor)

Join us for an enriching day of insights into sustainable engineering practices, networking with industry experts, and exploring innovative solutions for a greener future!