Programme
Theme: Engineering our Future

12:30 - 13:30  
Arrival, registration and buffet lunch, posters (Civil Engineering foyer)

13:30 - 13:40  
Welcome by Professor Hai-Sui Yu  
Deputy Vice-Chancellor, Internationalisation

13:40 - 13:55  
Institution of Civil Engineers  
Rachel Skinner, Vice President, ICE, UK Head of Development, WSP

13:55 - 14:15  
Connecting cities – high speed rail engineering  
Professor Peter Woodward, Chair in High Speed Railway Engineering

14:15 - 14:35  
Water resilience - an introduction to Yorkshire Water’s resilience framework  
David J Owen, Yorkshire Water and Chair, Industrial Advisory Committee

14:35 - 14:55  
Smart motorways  
David Pilsworth, Associate Director, Jacobs

14:55 - 15:15  
Air pollution and health of society  
Professor Alison Tomlin, School of Chemical and Process Engineering

15:15 - 15:35  
Tea and posters

15:35 - 15:55  
Developing infrastructure robotics  
Dr Raul Fuentes, Associate Professor in Infrastructure Engineering and Pro-Dean for Internationalisation

15:55 - 16:15  
Cementing the civil infrastructure  
Dr Susan Bernal Lopez, University Academic Fellow/EPSRC Early Career Fellow, School of Civil Engineering

16:15 - 16:35  
Engineering biological scaffolds for musculoskeletal repair  
Dr Anthony Herbert, Lecturer in Medical and Biological Engineering, School of Mechanical Engineering

16:35 - 16:55  
Data-driven engineering in energy  
Dr Petros Aristidou, Lecturer in Smart Energy Systems, School of Electronic and Electrical Engineering

16:55 - 17:15  
Automation of reactors for rapid process development  
Dr Richard Bourne, Associate Professor, School of Chemical and Process Engineering

17:15 - 17:45  
Tea and posters, to include sixth form students

18:00 - 18:15  
RAEng research opportunities  
Dr Lucy Wheeler, Senior Programme Manager - Research & Awardee Engagement, Royal Academy of Engineering

18:15 - 19:00  
Main talk: Halley VI – life in the freezer  
Michael Wright, Regional Director, AECOM, St. Albans

19.00  
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