



United Kingdom Chapter of the  
System Dynamics Society

22<sup>nd</sup> Annual Conference:

Maintaining our links in the System  
Dynamics community

2<sup>nd</sup> April 2020

**Siôn Cave**

President of the UK Chapter of the  
International System Dynamics Society

**Welcome back  
to our  
conference!**

# Programme

Afternoon	
13:30	<b>Welcome from the Chapter President</b> Siôn Cave (President of the UK Chapter of the System Dynamics Society)
13:40	<b>Modelling the true cost of home care in Northern Ireland</b> Douglas McKelvie (Symmetric Scenarios), Sarah Wylie (Northern Ireland Strategic Investment Board), Donny Scott (Symmetric Scenarios)
14:15	<b><i>Featured poster: Payment Technologies System Dynamics</i></b> Diego Enrique Bermudez Bermejo (Cardiff University)
14:20	<b>Hybrid Systems Simulation Models for Transmission of Healthcare Associated Infections</b> Nguyen Le Khanh Ngan (University of Strathclyde)
14:45	<b>Break</b>
15:00	<b>Business System Blueprint: Establishing through a systemic approach a superior strategic differentiation to achieve a decisive and lasting competitive advantage</b> Laurent Kurylo (Eliande Consulting)
15:25	<b><i>Featured poster: Residential Energy Consumption: An End-Use Simulation Model</i></b> Bilal Bugaje (University of Nottingham)
15:30	<b>System Dynamics to investigate sustainable urban water management in the Ebbsfleet Garden City</b> Irene Pluchinotta (University College London), Sangaralingam Ahilan (University of Exeter), and Alessandro Pagano (IRSA-CNR, Italy)
15:55	<b><i>Featured poster: Combining System Dynamics and Agent-Based Model to Study Transmission of Healthcare-Associated Infections in Long-Term Care Facilities</i></b> Le Khanh Ngan Nguyen (University of Strathclyde)
16:00	<b>Chapter President: Announcements and Reflections</b> Siôn Cave (President of the UK Chapter of the System Dynamics Society)