

UKES 2019 Agenda

Frederick Douglass Centre, Newcastle University

Day 1: Tuesday 3rd September

11:30	<p>Arrival – Registration – Light Lunch Frederick Douglass Centre</p>	
12:30	<p>Conference Opening Plenaries Lecture Theatre G.41</p> <p>Welcome and Introduction Haris Patsios (Newcastle University)</p> <p>Introduction to the Supergen Network+ TBC (University of Birmingham)</p> <p>Plenary Carl Ennis (Siemens)</p>	
13:45	<p>Parallel Session 1a: <i>Thermal, Mechanical and Thermochemical Energy Storage</i> Lecture Theatre G.41</p> <p>Keynote & Chair: Yulong Ding (University of Birmingham)</p> <p>Speakers:</p> <p>Chen Wang (Southeast University, China)</p> <p>Sara Walsh (SPECIFIC/Swansea University)</p> <p>Alexander White (University of Cambridge)</p> <p>Shiladitya Ghosh (Imperial College London)</p>	<p>Parallel Session 1b: <i>Electrochemical Energy Storage</i> Collaborative Lecture Theatre G.06</p> <p>Keynote & Chair: Libby Gibson (Newcastle University)</p> <p>Keynote: Nuria Tapia Ruiz (Lancaster University)</p> <p>Speakers:</p> <p>Dominic Spencer Jolly (University of Oxford)</p> <p>Alana Zulke (Lancaster University)</p> <p>Jake Entwistle (University of Sheffield)</p> <p>Vivek Padmanabhan (University of Southampton)</p>

15:15	Tea/Coffee Exhibition Area	
15:45	<p style="text-align: center;">Parallel Session 2a: <i>Energy Storage in the Digital World</i> Lecture Theatre G.41</p> <p style="text-align: center;">Keynote: Steve Caughey (Newcastle University)</p> <p style="text-align: center;">Chair: Damian Giaouris (Newcastle University)</p> <p style="text-align: center;">Speakers:</p> <p style="text-align: center;">Samuel Greenbank (University of Oxford) Yi Li (Lancaster University) Paris Hadjiodysseos (Northern Powergrid) Jiangjiao Xu (University of Exeter)</p>	<p style="text-align: center;">Parallel Session 2b: <i>Global Challenges and Energy Storage in the Human Context</i> Collaborative Lecture Theatre G.06</p> <p style="text-align: center;">Keynote: Simone Abram (Durham University)</p> <p style="text-align: center;">Chair: Neal Wade (Newcastle University)</p> <p style="text-align: center;">Speakers:</p> <p style="text-align: center;">Zac Cesaro (University of Oxford/Siemens) Carlos Ugalde-Loo (Cardiff University) James Price (UCL Energy Institute) Michael Alderson Seminario & Andres Bustamante (EcoSwell)</p>
17:15	Drinks Reception and Poster Session Exhibition Area	
18:00	Pub Quiz Collaborative Lecture Theatre G.06	

Day 2: Wednesday 4th September

08:30	<p style="text-align: center;">Arrival – Registration – Tea/Coffee Frederick Douglass Centre – Exhibition Area</p>
09:00	<p style="text-align: center;">Demonstration & Commercialisation of Energy Storage Lecture Theatre G.41</p> <p style="text-align: center;">Chair: Omar Saeed (University of Birmingham)</p> <p style="text-align: center;">Speakers:</p> <p style="text-align: center;">David Howey (University of Oxford) Hui Cao (University of Birmingham) Christian Klumpner (University of Nottingham)</p>
09:45	<p style="text-align: center;">Panel Discussion Demonstration and Commercialisation: Opportunities and Barriers Lecture Theatre G.41</p> <p style="text-align: center;">Speakers/Panel Members:</p> <p style="text-align: center;">Nick Herbert (Policy Lead for Energy Storage, Department for Business, Energy & Industrial Strategy)</p> <p style="text-align: center;">Jim Cardwell (Head of Trading and Innovation, Northern Powergrid)</p> <p style="text-align: center;">Chris Bagley (The Knowledge Transfer Network)</p> <p style="text-align: center;">Simon Branch (CEO, Innovatium)</p> <p style="text-align: center;">Ian Wilkinson (Programme Manager, Siemens)</p> <p style="text-align: center;">Douglas Spalding (Head of Product Planning and Marketing, Doosan Babcock)</p>
11:00	<p style="text-align: center;">Tea/Coffee Exhibition Area</p>
11:15	<p style="text-align: center;">Plenary Lecture Theatre G.41 Luke Ellis (EON)</p>

11:45	<p>Parallel Session 3a: <i>Energy Storage in the Built Environment</i> Lecture Theatre G.41</p> <p>Keynote & Chair: Sara Walker (Newcastle University)</p> <p>Speakers:</p> <p>Ilaria Salerno (University of Edinburgh) Andreas Georgakarakos (Energy Storage CDT) Charlotte Adams (Durham University) Anu Antony (Newcastle University)</p>	<p>Parallel Session 3b: <i>Energy Storage for Future Mobility</i> Collaborative Lecture Theatre G.06</p> <p>Keynote & Chair: Myriam Neaimeh (Newcastle University)</p> <p>Speakers:</p> <p>Alicia Blatiak (Imperial College London) Kamyar Mehran (Queen Mary University of London) Muhammad Sheikh (University of Warwick) Rachel Lee (Sheffield University) Joris Baars (Newcastle University) Oliver Heidrich (Newcastle University)</p>
13:15	Lunch Exhibition Area	
14:00	<p>Parallel Session 4a: <i>Policy and Economics of Energy Storage</i> Lecture Theatre G.41</p> <p>Keynote: Michael Pollitt (University of Cambridge)</p> <p>Keynote & Chair: Furong Li (University of Bath)</p> <p>Speakers:</p> <p>Susanna Elks (Energy Systems Catapult) Zhong Zhang (University of Bath) Chunping Xie (University of Birmingham) Jahedul Islam Chowdhury (Cranfield University)</p>	<p>Parallel Session 4b: <i>Design, Planning and Life Cycle Analysis</i> Collaborative Lecture Theatre G.06</p> <p>Keynote & Chair: Birger Horstmann (Helmholtz Institute)</p> <p>Keynote: Simon Lambert (Newcastle University)</p> <p>Speakers:</p> <p>Musbahu Muhammad (Newcastle University) Diarmid Roberts (University of Sheffield) Luke Burl (Newcastle University) Mohammad Ali Rajaeifar (Newcastle University)</p>
15:30	Tea/Coffee Exhibition Area	

16:00	<p style="text-align: center;">Parallel Session 5a: <i>Electrochemical Energy Storage</i> Lecture Theatre G.41</p> <p style="text-align: center;">Keynote and Chair: Ulrich Stimming (Newcastle University)</p> <p style="text-align: center;">Speakers:</p> <p style="text-align: center;">Michael Mercer (Lancaster University) Trishna Raj (University of Oxford) Beatrice Wolff (Lancaster University) Robert Burrell (Lancaster University) Laurence Middlemiss (University of Sheffield) Maksudul Hasan (Newcastle University) Shahin Nikman (Lancaster University)</p>	<p style="text-align: center;">Parallel Session 5b: <i>Energy Storage, Integration and Control in Whole Energy Systems</i> Collaborative Lecture Theatre G.06</p> <p style="text-align: center;">Keynote & Chair: Merlinda Andoni (Heriot-Watt University)</p> <p style="text-align: center;">Speakers:</p> <p style="text-align: center;">Daniel Murrant (Energy Systems Catapult) Hamid Hosseini (Newcastle University) Jianwei Li (University of Oxford) Andrew Pimm (University of Leeds) Bruno Cardenas (University of Nottingham)</p>
17:30	Close	

18:30	Drinks Reception The Biscuit Factory
19:00	Conference Dinner The Biscuit Factory

Day 3: Thursday 5th September

09:00	<p style="text-align: center;">Arrival - Registration – Tea/Coffee Frederick Douglass Centre – Exhibition Area</p>	
09:30	<p style="text-align: center;">Parallel Session 6a: <i>Energy Storage, Integration and Control in Whole Energy Systems</i> Lecture Theatre G.41</p> <p style="text-align: center;">Keynote: Janusz Bialek (Newcastle University)</p> <p style="text-align: center;">Chair: Laura Brown (Newcastle University)</p> <p style="text-align: center;">Speakers:</p> <p style="text-align: center;">Oluyemi Jegede (University of Birmingham)</p> <p style="text-align: center;">Thomas John (Newcastle University)</p> <p style="text-align: center;">Alicia Triviño (University of Malaga)</p> <p style="text-align: center;">Haris Patsios (Newcastle University)</p>	<p style="text-align: center;">Parallel Session 6b: <i>Energy Storage in the Digital World</i> Collaborative Lecture Theatre G.06</p> <p style="text-align: center;">Keynote: Dénes Csala (Lancaster University)</p> <p style="text-align: center;">Chair: Zoya Pourmirza (Newcastle University)</p> <p style="text-align: center;">Speakers:</p> <p style="text-align: center;">Andrew Jenkins (Newcastle University)</p> <p style="text-align: center;">Shemaiah Weekes (Upside Energy)</p> <p style="text-align: center;">Simon le Blond (Swanbarton)</p> <p style="text-align: center;">Ahmed Fakhri (Teesside University)</p>
11:00	<p style="text-align: center;">Tea/Coffee Exhibition Area</p>	
11:15	<p style="text-align: center;">Parallel Session 7a: <i>Thermal, Mechanical and Thermochemical Energy Storage</i> Lecture Theatre G.41</p> <p style="text-align: center;">Keynote & Chair: Seamus Garvey (University of Nottingham)</p> <p style="text-align: center;">Speakers:</p> <p style="text-align: center;">Xiaohui She (University of Birmingham)</p> <p style="text-align: center;">Robert Sutton (Swansea University)</p> <p style="text-align: center;">Adriano Sciacovelli (University of Birmingham)</p> <p style="text-align: center;">Lawrie Swinfen-Styles (University of Nottingham)</p> <p style="text-align: center;">Tongtong Zhang (University of Birmingham)</p>	<p style="text-align: center;">Early Career Researcher Class <i>Short presentations followed by discussion and networking</i> Collaborative Lecture Theatre G.06</p> <p style="text-align: center;">Chair: David Greenwood (Newcastle University)</p> <p style="text-align: center;">Speakers:</p> <p style="text-align: center;">Candy Rowe (NUAct Fellowship, Newcastle University)</p> <p style="text-align: center;">Robin Preece (Supergen Energy Network Hub, Manchester University)</p> <p style="text-align: center;">Parisa Akaber (Newcastle University/Siemens)</p> <p style="text-align: center;">Jacqueline Edge (Imperial College London)</p> <p style="text-align: center;">Yulong Ding (Supergen Energy Network+)</p> <p style="text-align: center;">Marina Lomberg (Supergen H2FC Hub)</p> <p style="text-align: center;">Edward Jones UKRI EPSRC</p>

12:45	Lunch Exhibition Area
13:30	Plenary Lecture Theatre G.41 John Moriarty (The Alan Turing Institute)
13:45	Closing Remarks Phil Taylor (Newcastle University)

14:00	Battery Safety Class Jürgen Garche (FCBA Insistut Technologique, Paris)
15:30	Tea/Coffee
15:45	Battery Safety Class (continued) Jürgen Garche (FCBA Insistut Technologique, Paris)
17:15	Close