



Seminar Venue
Liverpool Football Club
 Anfield Road
 Anfield
 Liverpool
 L4 0TH

Accommodation
Liverpool Marriott
 City Centre
 One Queen Square
 Liverpool
 L1 1RH



PROGRAMME

Thursday 14 July 2022

10:30 Registration

11:45

Introduction & Housekeeping

Bill Fenton, *Manager, The IET Power Academy*

Carl Ketley-Lowe, *Western Power Distribution & Chair of the IET Power Academy Council*

11:50 Icebreaker Scholar Reps

12:10 Keynote Address

Chair: Anna Muir, *Atkins*

Keynote Speaker: Craig Dyke, *Head of International Decarbonisation National Grid & Chair of the IET Power Academy Executive*

12:35 Lunch

13:30 Interactive workshops: Mark Goudie, *SP Energy Networks*, to introduce
 The general theme is digital futures and its impact on engineering. Scholars will attend 2 sessions each lasting 1 hour (13:45 – 14:45 & 15:15 – 16:15) with a 30min break in between.

Session 1	Suite no.1	National Grid: Driving National Grid's digital transformation Hosts: Ricki Li and Faith Natukunda
Session 2	Suite no.2	SP Energy Networks: A digital tool for managing network needs Hosts: Mark Goudie, Fraser White, Anna Bromilow
Session 3	Suite no.3	UKAEA: A Future Fusion Reactor Hosts: Jake Virdee-Reynolds, Jamie Smith and Sam Poland
Session 4	Suite no.5	BAE Systems: Diving into the digital design dilemma Hosts Daniel Bamber and Graham Ramage
Session 5	Suite no.6	Northern Powergrid: Discovering substations' maximum demand Hosts: Dr Neal Wade, Dr Robin Preece and David Van Kesteren
Session 6	Suite no.8	Rolls-Royce: Title The Hearts and Minds of Digital Transformation Hosts: Amelia Bourdon and Samantha Janosik
Session 7	Suite no.9	Atkins: 'Engineering Net Zero' Hosts: Anna Muir and Dela Sharifi
Session 8	Suite no.10	Western Power Distribution: Powering EVs into the future Hosts: Liz Kelly, Peter Gaskin and Ieuan Klappholz
Session 9	Suite no.11	Network Rail: European Train Control System 'ETCS', the future for sustainable signalling Host: James Dzimba
Session 10	Suite no.12	Omexom: Keeping the UK grid energised; building digital substations and keeping hackers at bay! Host: Lalit Kotturi, Christine Turner and Ruaidhri Murray

16:15 Interactive workshop feedback 10 x 2-minute scholar reports

16:45 Coaches to The Marriott Hotel

17:30 Hotel check in

19:00 Drinks Reception & Dinner Speaker: Michelle Richmond MBE, *Director, Membership & Professional Development, The IET*

22:00 End of the day



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PROGRAMME

Friday 15 July 2022

08:45 Check out

09:00 Coaches to Liverpool Football Club Anfield

09:45 **Keynote**
Nia Lowe, Strategic Workforce Renewable Manager, SP Energy Networks
Mark Goudie, Distribution System Operation Manager SP Energy Networks

10:15 **Some years on – what are ex scholars doing now?**
Bethany Hall, Rolls-Royce
Caitlin Callaghan, National Grid
Anna Muir, Atkins
Ross Mackay SP Energy Networks

11.15 Tour of Liverpool Football Club and group photo

12:45 Lunch

14:00 **Review and close**
Bill Fenton Manager, The IET Power Academy
Carl Ketley-Lowe, Western Power Distribution & Chair of the IET Power Academy Council
Nia Lowe, SP Energy Networks

14:30 End of the day - Coaches back to Liverpool Lime Street Station