2025 Faraday Institution Conference - Outline Programme - Energising the UK Battery Ecosystem

Day One - Tue	esday 9 September							
08:30-10:00	Arrival and Registration - Warwick Arts Centre							
10:00-10:10	Welcome Professor Martin Freer, CEO, The Fa	raday Institutio	on					
10:10-10:20	Welcome University of Warwick							
10:20-10:30	Opening Remarks							
10:30-11:20	Academic Keynote Talk Professor Sir Stanley Whittingham, Distinguished Professor of Chemistry and Materials Science and Engineering, Binghamton University (USA) Chaired by: Professor Louis Piper, WMG - University of Warwick							
11:20-12:00	Industry Keynote Talk Fortescue Zero Chaired by: Professor Louis Piper, WMG - University of Warwick							
12:00-14:00	Lunch and Exhibition - Butterworth Hall	· · · · ·						
14:00-16:00	Session 1 - Active Materials & Supply Chain 14:00-16:00 Session 2 - Battery Modelling 14:00-16:00 Session 3 - Battery Safety and Abuse							
	Chaired by: Professor Paul Anderson,		Chaired by: Professor James Marco,		Chaired by: Dr Mel Loveridge,			
	University of Birmingham		WMG - University of Warwick		WMG - University of Warwick			
14:00-14:40	Invited Talk Dr Evi Petavratzi, Senior Mineral	14:00-14:20	Selected Talk 1 (15 + 5)	14:00-14:20	Selected Talk 1 (15 + 5)			
14.00 14.40	Commodity Geologist, British Geological Society (30 + 10)	14.00 14.20		14.00 14.20				
4:40-15:00	Selected Talk 1 (15 + 5)	14:20-14;40	Selected Talk 2 (15 + 5)	14:20-14:40	Selected Talk 2 (15 + 5)			
15:00-15:20	Selected Talk 2 (15 + 5)	14:40-15:20	Invited Talk Dr Sam Cooper, Reader in	14:40-15:00	Selected Talk 2 (15 + 5)			
10.00 10.20		14.40 10.20	Artificial Intelligence for Materials Design in the	14.40 10.00				
			Dyson School of Design Engineering and					
			Imperial College London (30 + 10)					
15:20-15:40	Selected Talk 3 (15 + 5)	15:20-15:40	Selected Talk 3 (15 + 5)	15:00-15:20	Selected Talk 4 (15 + 5)			
15:20-15:40	Selected Talk 4 (15 + 5)	15:20-15:40	Selected Talk 4 (15 + 5)	15:20-15:20	Invited Talk Dr Jonathan Buston, Principal			
13.40-16.00	Selected Talk 4 (15 + 5)	13.40-16.00	Selected Talk 4 (15 + 5)	13.20-16.00				
					Scientist, Health and Safety Executive (HSE)			
6:00 40:00	Exhibition Doctor Consist and Naturalist Dur	tonworth Lloll	and Mood Collony		(30 + 10)			
16:00-18:00	Exhibition, Poster Session and Networking - But							
L8:15-20:30	Welcome Networking Reception - National Auto	motive innova	tion Centre (NAIC), University of Warwick					
		-	the Pritzker School of Molecular Engineering, Univ	ersity of Chica	go (USA)			
10:00-10:30	Chaired by: Dr Valentina Gentili, Vice President Break	-		ersity of Chica	go (USA)			
	Chaired by: Dr Valentina Gentili, Vice President	-		versity of Chica 10:30-12:30				
	Chaired by: Dr Valentina Gentili, Vice President Break	of Global Res	earch and Development, Agratas	10:30-12:30				
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	Oxford		Muon Source						
	Invited Talk Dr Rob House, Associate	10:00-10:20	Selected Talk 1 (15 + 5)						
	Professor of Materials, University of Oxford (30 + 10)								
10:40-11:00	Selected Talk 1 (15 + 5)	10:20-10:40	Selected Talk 2 (15 + 5)						
11:00-11:20	Selected Talk 2 (15 + 5)	10:40-11:20	Invited Talk Professor Nuria Garcia-Araez,						
			University of Southampton (30 + 10)						
11:20-11:40	Selected Talk 3 (15 + 5)	11:20-11:40	Selected Talk 3 (15 + 5)						
11:40-12:00	Selected Talk 4 (15 + 5)	11:40-12:00	Selected Talk 4 (15 + 5)						
12:00-13:30	Lunch and Exhibition - Butterworth Hall								
13:30-14:20	Session 11 - Battery Roadmaps								
13:30-14:20	Panet:								
	- Rebecca Schapira, Deputy Director for Advanced Manufacturing, Department for Business and Trade (DBT)								
	- Carmen Cavallo, Senior Research Scientist, R&D, FAAM								
	- Thomas Bartlett, Deputy Director, Faraday Battery Challenge, Innovate UK								
	- Tim Powell, Automotive Sector Lead, STFC								
	- Hadi Moztarzadeh, Head of Technology Trends, Advanced Propulsion Centre								
14:20-15:00	Closing Keynote Talk - Professor Paul Monks, Chief Scientific Advisor, Department for Energy Security and Net Zero (DESNZ)								
15:00-15:20	Poster Session Awards 2025								
15:20-15:45	Closing Remarks - Professor Martin Freer, CEO, The Faraday Institution								