

DAY 1: Monday 17 September 2018				DAY 2: Tuesday 18 September 2018			
SESSION 1: New energy materials and energy policy Chair: Professor Saiful Islam (Bath, UK)		SESSION 2: Transport processes in energy materials Chair: Professor Jenny Nelson FRS (Imperial, UK)		SESSION 3: Nanostructures & interfaces of energy materials Chair: Professor Peter Bruce FRS (Oxford, UK)		SESSION 4: Materials modelling and design Chair: Professor Richard Catlow FRS (UCL)	
09.00	Welcome by the Royal Society & lead organiser						
09.05	Professor Henry Snaith FRS (University of Oxford, UK) New perovskite materials for solar cells & optoelectronics	13.30	Professor Laura Herz (University of Oxford, UK) Transport in perovskite solar cells	09.00	Professor Juergen Janek (University of Giessen, Germany) Interfaces of solid batteries & solid oxide fuel cells	13.30	Professor Gerd Ceder (University of Berkeley, USA) Modelling & design of battery materials
09.45	Professor Jean-Marie Tarascon ForMemRS (College de France, Paris, France) New materials for rechargeable lithium batteries	14.15	Professor Clare Grey FRS (University of Cambridge, UK) Transport in lithium batteries & solid oxide fuel cells	09.45	Professor Linda Nazar (University of Waterloo, Canada) Nanoscale effects in lithium batteries	14.15	Professor Aron Walsh (Imperial College London, UK) Beyond Perovskites: Chemical Principles for Next-Generation Solar Energy Materials
11.00	Professor Sossina Haile (Northwestern University, USA) New materials for fuel cells and solar fuels	15.30	Professor Mercouri Kanatzidis (Northwestern University, USA) Transport in thermoelectric materials	11.00	Professor John Irvine (University of St Andrews, UK) Nanostructures and interfaces of solid oxide fuel cell materials	15.30	Professor Andrew Cooper FRS (University of Liverpool, UK) Design of porous materials for gas storage
11.45	Professor Jim Skea (Imperial, UK) Energy policy and innovation	16.15	Dr Thomas Kirchartz (FZ Juelich, Germany) Transport in solar cell materials	11.45	Professor Jennifer Rupp (MIT, USA) Surfaces & interfaces of complex oxides	16.15	Chairs: Dame Julia Higgins FRS Panel discussion / Overview / Future outlook
12.30	LUNCH	17.00	Flash poster talks (one-minute, one-slide presentations; max 20) before Poster session	12.30	LUNCH	17.00	CLOSE

