Advanced Material Network: MISE

Inaugural Workshop Programme – 31st October 2017

1000 – 1015 Arrival and Registration

1015 – 1020 Introduction and Welcome

*Professor John Irvine*

Session Chair: Professor Steve Parker

1020 – 1120 What Industry wants from Energy Materials

*Gerry Agnew, Rolls-Royce Fuel Cells Ltd, Richard Gover, AWE Plc. Richard Kemp Harper, Arcola Energy. Sue Ellis, Johnson Matthey*

Session Chair: Professor Jon Binner

1120 – 1150 SHINing Light on Electrode Interfaces

*Professor Laurence Hardwick – University of Liverpool*

1150 – 1220 Exploiting interfaces to control the performance of Thermoelectrics

*Professor Bob Freer – University of Manchester*

1220 – 1230 Introduction to Flexible Funding Call

*Professor John Irvine*

1230 – 1330 Lunch and Poster Session

1330 – 1400 Advanced Energy Materials Networks

Session Chair: Sue Ellis

1400 – 1420 Atomistic Simulation Techniques for Understanding of the Structure, Stability and Reactivity of Ceramics and Minerals.

*Professor Steve Parker – University of Bath*

1420 -1440 Discovery, Characterisation and Evaluation of Energy Materials

*Professor John Irvine – University of St Andrews*

1440 – 1500 Fabrication, Processing and Characterisation of Structural and Functional Ceramic Powders, Materials and Devices.

*Professor Jon Binner – University of Birmingham*

1500 – 1520 Soft Solids, Colloid Processing and Novel Interfacial Materials from Modelling and Practical Approaches.

*Dr Job Thijssenn – University of Edinburgh*

1520 – 1540 Coffee Break, Discussions and Posters

Session Chair: Dr Paul Clegg

1540 – 1610 Reactions involving gaseous reagents/products using the floating electrode

*Dr Chris Zalitis, Johnson Matthey*

1610 – 1640 Architectured graphite electrodes through directed colloidal assembly

*Professor Andre Studart - ETH, Zurich*

1640 – 1645 Dr Silvia Ramos – Diamond Light Source, Block Allocation Group (BAG)

1645 Questions and Departure