**Where Batteries Meet PV Workshop**

Classroom 2, Thatcher Business Education Centre – Park End Street

Said Business School, Oxford

26 November 2019

**9:45 ARRIVAL COFFEE IN THE CLUB ROOM**

10:15 – Welcome by Charles Monroe (PI of M-RHEX, University of Oxford)

10:20 Keynote 1: Jenny Nelson (Imperial College London) – Molecular electronic materials for solar energy conversion and storage

10:50 Kirk Smith (University of Oxford)­ – Measurement and control of transport phenomena in nonaqueous flow batteries

11:10 Keynote 2: Patrick Grant (University of Oxford) – Manufacturing challenges for Li ion batteries for EV and grid applications

**11:40 COFFEE BREAK IN THE CLUB ROOM**

12:10 Howie Chu (University of Oxford) – Characterizing Lithium-Ion Cell State with a Streamlined Electrochemical/Thermal Model Parameterized by Lock-in Thermography

12:30 Wing Chung Tsoi (Swansea University) – Perovskites in Space applications.

**12:40 LUNCH IN THE DINING ROOM**

14:00 Suzanne Thomas (Swansea University) ­– Perovskites for IoT systems

14:20 Jenny Baker (Swansea University) – PV meets batteries

14:40 Philip Calado (Imperial College London) – Modelling perovskite solar cells: from drift diffusion to an equivalent circuit

**15:00 COFFEE BREAK IN THE CLUB ROOM**

15:30 Imperial 2 speaker TBC

15:50 Wrap up