

**6th Meeting of the Energy Materials Discovery Characterisation
and Application Group, Friday 11th December 2020**

Can Do Marquee, Bengal and Tripod

Programme

- 1045 - 1055 Arrival at the Marquee, please adhere to all instructions on arrival
- 11.00 **Plenary 1** Albert Tarancón - Catalonia Institute for Energy Research-IREC/ICREA
"3D Printing of functional ceramics for energy"
- 1130 Cameron Bathgate
"The optimisation of the interface of solid-state batteries; a sacrificial barrier to improving contact"
- 1145 Mei Wang
"Exsolution from barium cerate-zirconate perovskite"
- 1200 Shreyasi Chattopadhyay
"An approach towards exsolution of CdS nanoparticles and it's activity in photocatalytic water splitting"
- 1215 Yuqing Kuai
"Synthesis, Characterisation of Ternary Metal Oxycarbides as Electrode Materials for Energy Storage"
- 1230 Lunch
- 1300 Jianing Hui
"C₃N₄ coated floating glass beads for photocatalytic destruction of organic compounds in water"
- 1315 Pedro Camacho
"Barium hydride membrane reactors for ammonia production"
- 1330 Chayopas Tupberg
"Study of lithium manganese oxide thin film for light-assisted charging lithium ion batteries"
- 1345 Lijie Liu
"Investigation on Mg₃Ga₂Ge₀₈: an ionically oxide with spinelloid structure for solid state batteries"
- 1400 **Plenary 2** Emmanuel Eweka – AMTE Power
"Li-ion Batteries and Beyond – Excitement and challenges"
- 1430 Stephanie Linnell
"Divalent dopants in sodium manganese oxides"
- 1445 Min Xu
"Design and Optimization of Fiber Electrodes for Solid Oxide Fuel Cell"

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