

Thursday 16<sup>th</sup> September 2021

Poster Session 1

14:30 - 15:30

Poster No.

- 1 **Anna Peiro-Franch (University of Kent)**  
Stabilisation of the perovskite phase of all-inorganic materials for photovoltaic applications
  - 2 **Celia Castillo-Blas (University of Cambridge)**  
Metal-organic framework crystal- inorganic glass composites
  - 3 **Dashnor Beqiri (University of Warwick)**  
Engineering soft modes in Layered Perovskites
  - 4 **Ethan Williams (University of Birmingham)**  
Synthesis, Scale-up, and Optimisation of NMC-9.5.5
  - 5 **Georgina Robertson (University of Cambridge)**  
Responses of metal-organic frameworks to various pressure states
  - 6 **Jaime-Marie Price (University of Birmingham)**  
Optimising Synthesis of LiNiO<sub>2</sub> cathode material for Li-ion batteries
  - 7 **Lizzie Driscoll (University of Birmingham)**  
Raman spectroscopy insights into the  $\alpha$ - and  $\delta$ -phases of formamidinium lead iodide (FAPbI<sub>3</sub>)
  - 8 **Matthew James (University of Birmingham)**  
Synthesis of Borate doped La<sub>10-x</sub>Y<sub>x</sub>GeO<sub>6</sub>O<sub>27</sub>; Confirming the Presence of a Secondary Conducting Pathway
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Friday 17<sup>th</sup> September 2021

Poster Session 2

14:30 - 15:30

Poster No.	
9	<b>Rosie Madge (University of Birmingham)</b> Organic acid leaching of $\text{LiMn}_2\text{O}_4$ from mixed cathode materials
10	<b>Subhadip Mallick (University of Oxford)</b> Influence of $6S^2 \text{Bi}^{3+}$ cation on the structures of $\text{A}'\text{BiNb}_2\text{O}_7$ ( $\text{A}' = \text{Rb, Li, Na, K}$ ) layered perovskites
11	<b>Thomas Hitchings (University of Kent)</b> Re-examination of the polar transition in $(\text{N}_2\text{H}_5)\text{Mg}(\text{HCO}_2)_3$ : Evidence of potential proton migration
12	<b>Viktoria Falkowski (University of Oxford)</b> Synthesis and topotactic manipulation of layered oxysulfide $\text{CaSrMnO}_2\text{Cu}_{4-\delta}\text{S}_3$
13	<b>Xabier Martinez de Irujo Labalde (University of Oxford)</b> $\text{LiFe}_{2-x}\text{In}_x\text{SbO}_6$ Oxides as Li-ion Electrode Materials
14	<b>Yujiang Zhu (University College London)</b> Temperature Dependence of the Physicochemical Characteristics and Glucose-sensing Behaviour of Copper Oxide Nanostructures Synthesised by Hydrothermal Method
15	<b>Zheyang Xu (University of Oxford)</b> Hole and electron doping of the Topochemically Reduced $n = 1$ Ruddlesden-Popper Rhodium-Containing Oxides

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