

# Sustainable Functional Materials 2018 (SFM2018)

## 22<sup>nd</sup> & 23<sup>rd</sup> May 2018, Weston-super-Mare, UK

### Outline Programme

| Tuesday 22 <sup>nd</sup> May 2018 |  |                      |                           |
|-----------------------------------|--|----------------------|---------------------------|
|                                   | Registration opens 09:00   |                      |                           |
| 10:45                             | Opening remarks: Conference chairs - Prof. Robert Dorey, University of Surrey and Prof. Ian Reaney, University of Sheffield    |                      |                           |
|                                   | Invited talk: Scale-up and technology transfer issues next generation sustainable functional materials (title to be confirmed) | Prof Steve Dunn      |                           |
| <b>SESSION 1: MODELLING</b>       |  |                      |                           |
|                                   | Contributed presentations  |                      |                           |
| <b>SESSION 2: PROCESSING (1)</b>  |  |                      |                           |
|                                   | Invited talk: Low temperature bio-inspired synthesis of functional oxides  | Dr Rebecca Boston    | University of Sheffield   |
|                                   | Contributed presentations  |                      |                           |
|                                   | Invited talk: New prospect or old rubbish? A geological perspective on secondary metal resources and the 'urban mine'          | Dr Andrew Bloodworth | British Geological Survey |
| <b>SESSION 3: PROCESSING (2)</b>  |  |                      |                           |
|                                   | Contributed presentations  |                      |                           |
| 17:00                             | Close of Day 1 / Drinks Reception / Poster Presentations / Team Challenge  |                      |                           |

| Wednesday 23 <sup>rd</sup> May 2018 |  |                          |                          |
|-------------------------------------|--|--------------------------|--------------------------|
| <b>09:00</b>                        | <b>SESSION 4: PROPERTIES AND APPLICATIONS</b>  |                          |                          |
|                                     | Invited talk: Low temperature synthesis of functional materials (title to be confirmed)  | Prof. Bala Vaidhyanathan | Loughborough University  |
|                                     | Contributed presentations  |                          |                          |
|                                     | Invited talk: Processing of magnetic materials and recycling of rare earth materials (title to be confirmed)   | Dr Allan Walton          | University of Birmingham |
| <b>SESSION 5: SUSTAINABILITY</b>    |  |                          |                          |
|                                     | Invited talk: Recycling of plastics to recover the chemicals using catalysts or to remove the surface printing for secondary reuse (title to be confirmed) | Dr Simon Collinson       | Open University          |
|                                     | Contributed presentations  |                          |                          |
|                                     | Invited talk: Environmental and risk issues for replacement functional materials (title to be confirmed)   | Dr Sophie Rocks          | University of Surrey     |
| 15:00                               | Closing Remarks: Conference chairs   |                          |                          |