



THE ARMOURERS AND BRASIER'S' CAMBRIDGE FORUM  
WEDNESDAY, 27<sup>TH</sup> JUNE 2012

Sponsors: **1851 Commission, AWE, BRE, IOM<sup>3</sup>, IOP, Johnson Matthey, Morgan, Ranier Technology, Rolls-Royce, Tata Steel, TWI**

1.30 **Registration on the Babbage Podium, New Museums Site, Cambridge.**

**THE GORDON SEMINARS**

2.00 **Welcoming remarks: Professor William Bonfield CBE FRS FREng FMedSci**  
(Past Master A&B; Chairman of the A&B Materials Science Committee)

**Session I Chair: Professor William Bonfield CBE FRS FREng FMedSci**

2.05 *Sustainable Materials: with both eyes open*  
**Dr Julian Allwood**, Department of Engineering, University of Cambridge

2.35 *New inorganic materials for energy applications*  
**Professor Matt Rosseinsky**, Department of Chemistry, University of Liverpool

3.05 *Between a rock and a hard place: how sustainable is critical metal supply?*  
**Andrew Bloodworth**, British Geological Survey

3.35 - 4.00 *Tea - Babbage Podium (Poster Display)*

**Session II Chair: Professor Sir Colin Humphreys CBE FRS FREng**

4.00 *Nuclear new build in the UK - forging ahead*  
**Dr Nigel Knee**, Head of Nuclear Policy, EDF Energy

4.30 *Where the atoms are: Cottrell atmospheres and other recent applications of atom-probe tomography*  
**Professor George Smith**, University of Oxford

5.00 *Armourers & Brasiers' Materials Science Venture Prize* presented by **Sir Timothy Ruggles-Brise BT**  
(Master of the Armourers & Brasiers' Company)

5.10 - 5.30 *Tea - Babbage Podium (Poster Display)*

**THE FOURTEENTH KELLY LECTURE**

**Chair: Professor Lindsay Greer**

5.30 *Materials Challenges for a Sustainable Automotive Industry*  
**Dr Alan Taub**, Vice President (retired), Global Research & Development, General Motors

6.30 **Vote of Thanks: Professor Anthony Kelly CBE FRS FREng**