

**THE ARMOURERS AND BRASIER'S' CAMBRIDGE FORUM**TUESDAY, 12TH JUNE 2018

Sponsors: AWE; BRE; Institute of Materials, Minerals & Mining;
Materials Processing Institute; Morgan Advanced Materials; Rolls-Royce;
Royal Commission for the Exhibition of 1851; Tata Steel; TWI

1.15 **Registration:** Pippard Lecture Theatre, Department of Physics, Cavendish Laboratory,
JJ Thomson Avenue, Cambridge, CB3 0HE, Cambridge

THE GORDON SEMINARS

in the Pippard Lecture Theatre

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

Session I Chair: Professor Paul Midgley *FRS*

1.50 *From Complex Crystals to Better Materials*
Professor Sandra Korte-Kerzel, *RWTH Aachen University*

2.20 *Little Solutions to Big Problems*
Dr Camille Petit, *Department of Chemical Engineering, Imperial College*

2.50 *Spectral Conversion Materials to Harvest Sunlight in the Urban Landscape*
Dr Rachel Evans, *Department of Materials Science & Metallurgy, Cambridge University*

3.20 – 3.50 *Tea and Poster Display – adjoining rooms*

Session II Chair: Dr Rachel Oliver

3.50 *Commercialising Materials-based Technology in the UK — Lessons Learnt*
Michael Le Goff, CEO, *Plessey*

4.20 *Supertall Timber: Impossibly High Wooden Skyscrapers*
Dr Michael H Ramage, *Centre for Natural Material Innovation, Department of Architecture,
Cambridge University*

Chair: Professor William Bonfield *CBE FRS FREng FMedSci FIMMM*

4.50 *Armourers & Brasiers' Materials Science Venture Prize* presented by: Mr Julian Beare (Master of the
Armourers & Brasiers' Company)

5.05 - 5.20 *Short break*

THE TWENTIETH KELLY LECTURE

Chair: Professor Lindsay Greer *FIMMM*

5.20 *Materially Better Batteries*
Professor Peter Bruce *FRS, Department of Materials, University of Oxford*

6.20 **Vote of Thanks:** Professor Clare Grey *FRS*