THE ARMOURERS AND BRASIERS’
CAMBRIDGE FORUM

TUESDAY, 18TH JUNE 2024

Sponsors:
AWE • Henry Royce Institute • Institute of Materials, Minerals & Mining
Materials Processing Institute • Rolls Royce

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

THE GORDON SEMINARS
in the Pippard Lecture Theatre

1.30 Welcoming Remarks
Mr Mike Goulette CEng FREng FRAeS
(Past Master of the Armourers & Brasiers; Chair of the A&B Materials Science Committee)

Session I  Chair:
1.35 Electrifying Bones: osteogenic tissue engineering with electrical stimulation
Prof. Sarah Cartmell, Department of Materials, University of Manchester

2.05 Molecular Materials for Technology: from solar to quantum
Prof. Sandrine Heutz, Head, Department of Materials, Imperial College London

2.35 Brief Encounters!
—a series of 3-minute talks by early-career researchers

3.05 – 3.50 Tea and Poster Display – adjoining rooms

Session II  Chair:
3.50 Climate Constructive Carbons: can we turn waste to wonder?
Prof. Adam Boies, Department of Engineering, University of Cambridge

4.20 Beyond Crystallinity and Throughput: machine-learning-accelerated materials discovery for energy conversion and storage
Prof. Karsten Reuter, Fritz Haber Institute, Berlin

Chair: Dr Roger Bowdler, Master of the Armourers & Brasiers’ Company

4.50 Armourers & Brasiers’ Materials Science Venture Prize

5.05 – 5.20 Short break

THE TWENTY-FIFTH KELLY LECTURE

Chair:
5.20 Glasses, but not as you know them! surface-mediated assembly of ultrastable and structured states
Prof. Mark Ediger, Department of Chemistry, University of Wisconsin-Madison

6.20 Vote of Thanks:

For more information and to register please go to: http://www.msm.cam.ac.uk/forum/