

Armourers and Brasiers' Cambridge Forum 2025



ARMOURERS &
BRASIER'S COMPANY

Monday 23 June

Cavendish Laboratory, Department of Physics
Ray Dolby Centre, JJ Thompson Avenue

The Armourers and Brasiers' Cambridge Forum is an annual event for the materials science community, incorporating talks, poster sessions, networking opportunities, and the chance to hear from early-career researchers. It aims to raise the profile of materials science in the UK's academic and industrial communities, while being international in scope. The Forum attracts high-level involvement from industry, research councils and other influential bodies. It incorporates the Kelly Lecture, which this year will be delivered by Professor Mary Ryan, Vice Provost for Research and Enterprise and the Armourers and Brasiers' Chair for Materials Science, Imperial College London.



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The Armourers & Brasiers' Company

The Armourers & Brasiers' Company is a livery company in the City of London. It was founded in 1322 to oversee standards in the making of armour and helmets in and around the City of London. Charitable work was always part of the Company's purpose, focused on the welfare of members and apprentice education. In modern times, the Company, through its Gauntlet Trust, supports education, research and innovation in Materials Science as this is the modern discipline most closely aligned to its craft heritage of manufacturing in metals and materials.

The Forum is generously supported by the Armourers and Brasiers' Livery Company, AWE, Henry Royce Institute, Institute of Materials, Minerals & Mining, The Materials Processing Institute, Rolls-Royce, and Paragraf.

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1:15pm	Registration
1:45pm	Welcome address Mr Mike Goulette CEENG FRENG FRAES Past Master of the Armourers & Brasiers; Chair of the A&B Materials Science Committee
	Session I
1:50pm	<i>Making it Real: Modern Metallurgy in the age of ChatGPT</i> Prof. Kathy Christofidou School of Chemical, Materials and Biological Engineering, University of Sheffield
2:20pm	<i>Engineering a New Age for Materials: Future Research Challenges</i> Dr Andrew Lawrence Head of Engineering, Engineering and Physical Sciences Research Council
2:50pm	<i>Brief Encounters!</i> A series of 3-minute talks by early-career researchers
3:20pm	BREAK including refreshments and poster session
	Session II
3:50pm	<i>From Shipwrecks to Batteries: nanoscale insights into structure and performance</i> Prof. Serena Cussen FRSC FIMMM School of Chemistry, University College Dublin
4:20pm	<i>Truchet-tile Materials: order in disorder</i> Prof. Andrew Goodwin FRS Associate Head, Department of Chemistry, University of Oxford
4:50pm	Armourers & Brasiers' Materials Science Venture Prize Chaired by the Master of the Armourers & Brasiers' Company
5:05pm	BREAK
	The Twenty-Sixth Kelly Lecture
5:20pm	<i>Title TBC</i> Prof. Mary Ryan CBE FREng Armourers & Brasiers' Professor in the Department of Materials, and Vice-Provost (Research and Enterprise), Imperial College London
6:20pm	Closing remarks