

Building Careers and Skills in Science and Technology for National and Global Challenges

Foundation Future Leaders Conference 2024

Friday 8th November 2024

University of Birmingham, The Exchange, 3 Centenary Square, Birmingham, B1 2DR

09:30 – 10:00	Registration, tea/coffee and networking
10:00 – 10:05	Introduction and Welcome to the Conference Gavin Costigan , Chief Executive, Foundation for Science and Technology
10:05 – 10:30	Keynote presentation: Sarah Sharples (<i>Chief Scientific Adviser, Department for Transport</i>)
10:30 – 12:00	Plenary Session 1 – Developing Careers in Science and Technology Chair: Jennifer Hindson , Marine Climate Change Policy Delivery Manager, Scottish Government, and Foundation Future Leader 2024 Speakers/panel: Dr Stephen Hendry , Programme Manager Socioeconomic Inclusion, Royal Society of Chemistry Daisy Shearer , Outreach and Engagement Officer, National Quantum Computing Centre Dannielle Croucher , Policy Lead for Skills and talent, National Centre for Universities and Business, and Foundation Future Leader 2024 Dr Billy Bryan , Evaluation and Research Leader, RAND Europe, and Foundation Future Leader 2024 Following the presentations there will be a panel Q&A session In this session, we will discuss a variety of different issues around careers in STEM, including skills; Equity, Diversity and Inclusion; mobility and porosity between sectors (academia, industry, public sector); key recommendations for the new government to protect the future of the S&T workforce
12:00 – 12:20	Quick break: Coffee / Tea Available Transfer to Break out rooms
12:20 – 13:20	Break out groups <i>There will be five break out groups. Each group will discuss the contribution of science and technology to one of the 5 missions from the newly elected Government, and be led by one of the Foundation Future Leaders.</i> <ol style="list-style-type: none">1. <i>Growth</i>2. <i>Clean Energy Superpower</i>3. <i>NHS fit for the future</i>4. <i>Crime and Justice</i>5. <i>Breaking down barriers to opportunity</i> <i>Each group will have up to three short (3 minute) lightning talks from participants followed by an interactive discussion</i>
13:20 – 14:20	LUNCH

14:20 – 15:50	<p>Plenary Session 2 – Open collaboration in a volatile world</p> <p>Chair: Michelle Hackett, Head of International Fisheries Science, Department for the Environment, Food and Rural Affairs, and Foundation Future Leader 2024</p> <p>Speakers/panel: Professor Christopher Smith, International Champion, UKRI and Executive Chair, Arts & Humanities Research Council Professor Marika Taylor, Pro Vice Chancellor and Head of College of Engineering and Physical Sciences, University of Birmingham Alex Hale, Technology Programme Manager, National Composites Centre, and Foundation Future Leader 2024 Dr Geoffrey Neale, Royal Academy of Engineering Research Fellow and Lecturer, Cranfield University, and Foundation Future Leader 2024</p> <p>In this session, we will discuss how we support a globally open S&T landscape in uncertain geopolitical times, the resilience of UK system (with reliance on overseas students in UK universities) and equitable partnerships. We will also discuss key recommendations for the new government to protect the future of international S&T collaboration</p>
15:50 – 16:00	<p>Wrap Up Gavin Costigan, Chief Executive, Foundation for Science and Technology</p>
16:00 – 17:00	<p><i>Networking Reception</i></p>
17:00	<p>Close</p>