

## STEM Conference 2021: Rethinking STEM Higher Education

09:00 - 09:30	Log in to online platform			09:00 - 09:30
09:30 - 9:45	Welcome and introduction Welcome address: Dr Kay Hack, Principal Adviser, Advance HE			09:30 - 9:45
09:45 - 10:30	<b>Keynote 1</b> <b>Challenging Conventions in Practical Engineering</b> Dr Andrew Garrard, Deputy Head of Department for Multidisciplinary Engineering Education at The University of Sheffield Q&A/Discussion			09:45 - 10:30
10:30 - 10:40	Comfort break: viewing of posters and on-demand presentations			10:30 - 10:40
10:40 - 11:35	<b>Panel session</b> <b>Crossing boundaries: The student experience of global interdisciplinary project-based learning</b> Arnold Kigonya, Danae Matthews, Nadia McLennon, Noah Mesfin and Zemzem Sonmez TEDI-London Summer School Participants Q&A/Discussion			10:40 - 11:35
11:35 - 11:50	Comfort break: viewing of posters and on-demand presentations			11:35 - 11:50
11:50 - 12:50	<b>Parallel session 1</b>			
	Theme: Re-Connecting Workshop session <b>1.1</b> <b>Escaping Induction: How I used an online escape room to introduce our VLE and reconnect our students</b> Alun King, University of South Wales	Theme: Re-Connecting Interactive session <b>1.2</b> <b>Managing and Fulfilling Higher Education Students' Expectations and Needs</b> Dr Soumyadeb Chowdhury, Toulouse Business School Dr Sian Joel-Edgar and Dr Ahmed Beltagui, Aston Business School	Theme: Rethinking practice-based education Workshop session <b>1.3</b> <b>'Remote and Blended Practicals: a Multidisciplinary Approach</b> Dr Adam Funnell, University of Sheffield	Panel session sponsored by DigitalEd <b>1.4</b> <b>Supporting an eLearning platform across disciplines within Imperial College</b> Chairperson: David Smith, DigitalEd Peter Johnson, Shireen Lock and Phillip Ramsden, Imperial College London
12:50 - 13:35	Lunch break: viewing of posters and on-demand presentations			12:50 - 13:35
13:35 - 14:20	<b>Keynote 2</b> <b>Rethinking Engineering Education</b> Professor Elena Rodriguez-Falcon, President and Chief Executive at the New Model Institute for Technology and Engineering Q&A/Discussion			13:35 - 14:20
14:20 - 14:40	Comfort break: viewing of posters and on-demand presentations			14:20 - 14:40
14:40 - 15:40	<b>Parallel session 2</b>			
	Theme: Rethinking practice-based education Workshop session <b>2.1</b> <b>'Beyond Labz: Enabling students to learn science by doing science</b> Dr Brian Woodfield and Heather Myler, Beyond Labz	Theme: Rethinking practice-based education Workshop session <b>2.2</b> <b>How to deliver biomedical practical skills through novel virtual laboratories</b> Dr Antonio Peña-Fernández, De Montfort University	Theme: Rethinking practice-based education Interactive session <b>2.3</b> <b>The Capstone Experience: Preparing students for the post-covid 21st Century workplace</b> Dr Dave Lewis, University of Leeds Dr Sue Jones, York St John University Michelle Payne, University of Sunderland	14:40 - 15:40
15:40 - 16:00	<b>Closing plenary</b> Dr Kay Hack, Principal Adviser, Advance HE			15:40 - 16:00