



Connected Everything Annual Conference Digital Manufacturing Research Collaboration and Innovation

Location: University of Liverpool, [Victoria Gallery & Museum \(VGM\)](#)

Book your place: Go to [this link to register and book your place](#). The conference is subsidised by our EPSRC grant so we can offer conference places at £30 per day or £50 for both days.

What to expect: We will have a focus on the challenges faced by the manufacturing sector including trying to achieve net zero carbon, adapting to the ongoing pressures caused by covid and the theme of early career support for academics will run through the conference. Poster presentations will be available to view in the exhibition space.

Additional Conference Information: [Covid Safety](#) and [Conference Code of Conduct](#)

Hotel information: Information on local hotels can be found on the [main conference webpage](#)

Any questions: Please contact: [Debra Fearnshaw](#) – Connected Everything Network Manager

10:00	Wednesday 18th May starts with Informal networking
10:30	Welcome to conference by Professor Sarah Sharples and Dr Peter Green
11:00	Katherine Bennett, CBE, FRAeS, Chief Executive Officer, High Value Manufacturing Catapult
11:45	<u>Feasibility study</u> presentations part 1 <ul style="list-style-type: none"> Nottingham Trent University, Dr Azfar Khalid Studying mental stress factors in occupational safety in the context of smart factory and COVID-19 University of Cambridge, Dr Alexandra Brintrup AgentChat: Feasibility Of Large-scale Multi-agent Based Coordination For Freight Co-loading University of Liverpool, Dr Stefania Soldini Manufacturing of 3D-printed morphing origami solar sails for the next generation of CubeSats University of Wales, Trinity St David, Jordan Jenkins A Flexible & Low-Cost AR/AI Solution for Critical to Quality Feature & Defect Identification for SMEs
13:00	Lunch – grab and go picnic bags to allow delegates to network / take time out as they prefer
14:00	Andrew Keeley, Pilkington / NSG – worlds first hydrogen firing of a glass furnace
14:45	2050 workshop with Professor Fiona Charnley
15:45	Professor Paul Watson, Chair of Connected Everything Advisory Board, Newcastle University
16:15	Close of day 1 by Dr Peter Green, followed by informal networking and/or hotel check-in
17:30	Meet at VGM for walking tour and finish at places to eat (at own expense)



Day 2	Thursday 19 May 2022
9:30	Welcome by Dr Peter Green
09:45	Professor Kate Black, University of Liverpool and Meta Additive Ltd
10:30	<p>Feasibility Study presentations part 2</p> <ul style="list-style-type: none"> University of Birmingham, Dr Rami Bahsoon Novel Digital Twins for Compliance Debts in Smart Manufacturing University of Lancaster, Dr Adam Blaney Developing the future of adaptive materials based on HD-reprogrammable matter University of Liverpool, Dr Amanda Hughes University of Plymouth, Dr Alejandro Veliz Reyes Participatory Housing Manufacturing University of West of England, Dr Anna Chatzimichali Embedded Intelligent Empathy in Design
11:45	Equality, Diversity and Inclusion Cards: an interactive tool for engaging with EDI in research with Dr Peter Craigon
12:30	Dr Andrea Johnson on her perspective on careers inside and outside of academia
13:00	Lunch – grab and go picnic bags to allow delegates to network / take time out as they prefer
14:00	Chris Courtney, Challenge Director of ISCF Manufacturing Made Smarter, UKRI
14:40	<p>ECR panel session chaired by Dr Nik Watson with:</p> <ul style="list-style-type: none"> Anna Chatzimichali, University of West of England Bernardo Castro Dominguez, University of Bath Hamidreza Jahangir, University of Warwick John Oyekan, University of Sheffield Mohammad Ahangar, University of Huddersfield Mohammad Aliyu, University of Huddersfield Tien Quach, University of Nottingham
15:30	Break
16:00	Plenary session with presentation of poster awards with Dr Peter Green
16:30	Conference closes