

INNOVATION STAGE

Wednesday 4th September 2024

Innovative Material Developments 10am - 11am

- **Centre of Expertise in Advanced Materials and Sustainability (CEAMS)**
Jack Alcock, Technology Programme Manager, National Composites Centre
- **Battery Enclosure Materials Automation (BEMA)**
Lydia Frumosu / John Hackett, Lead Project Engineer / Composite Materials - Customer Engineering Senior Engineer, Airborne / Syensqo
- **From Waste to Resource? Use of a Pressolysis Waste Stream in the Manufacture of a Composite Resin**
Stefan Lawrenson, Senior Polymer Chemist, Scott Bader Company Ltd

The Hydrogen Economy 11am - 12noon

- **Navigating Net-Zero - Understanding the Role of Hydrogen**
Clare Jackson, CEO, Hydrogen UK

ThrustWSH Projects 12noon - 1pm

- **Wings Under Water - ThrustWSH**
Richard Noble, OBE, ThrustWSH
- **Composite Build Details**
Vincent Fawcett, PRF Composite Materials Ltd

Sustainable Composite Manufacturing 1pm - 2pm

Chaired by: Airborne Composites, Joe Summers (Managing Director)

- **AI Solution Enhances Sustainability & Reduces Waste**
Clive Chitiz, VP of Operations EMEA, Plataine
- **The Keystone of Sustainable and High Performing Composite Materials: Additives at Interfaces - Innovation in the Invisible**
Nathan Bartlett, Senior Scientist, Lubrizol Limited (LLTD)
- **CMC Development at Pilot Level Scale and Demonstration**
Enya Collier, Aerospace & Nuclear Product Marketing Manager, Lucideon Ltd
- **Why Are We Still using so Many Consumables to Mould?**
Alan Harper, MD, Alan Harper Composites

Composite Tooling - Supply Chain Readiness
2pm - 3pm

- **GTMA Session, chaired by Alan Arthur, with speakers:**

Alan Arthur, GTMA
Shaw Beattie, National Composites Centre

Workforce Development
3pm - 4pm

- **How to Utilise the AMRC Apprenticeship Model**
Speaker TBC, McLaren Automotive
- **Best Practice Case Study**
Scott Dyson, Head of Sales, Premier Autoclaves
- **Equity Diversity and Inclusion in the UK Composites sector**
Sue Halliwell, Operations Manager, Composites UK
- **Composites UK Skills Pledge**
Matt Bradney, Director of Business Development, Prodrive



INNOVATION STAGE

Thursday 5th September 2024

Process and Tooling Developments
10am - 11am

Chaired by: Rob Hewison, AMRC

- **Cost Efficient and High-Quality Composite Parts with Intelligent Process Control Technology**
Alexander Chaloupka, MD and CTO, NETZSCH Process Intelligence GmbH
- **Low-energy, self-heated composite tooling solutions – carbon and glass composite tools with significant energy savings and reduced environmental impact**
Peter Hansen, Director, Hive Composites
- **Advancing Efficiency, Quality, and Sustainability: The Role of Autoclave Control Systems**
Ian Jenner, Director – Control Systems, Busch Autoclave Solutions
- **Building Sustainable Aircraft Wings**
Ian Redman, Project Director, Loop Technology

ASCEND

11am - 12noon

Chaired by: Craig Carr, GKN Aerospace

- **Session to look at the project ASCEND - Aerospace & Automotive Supply Chain Enabled Developments**

Sustainability in Motorsport - Panel Session

12noon - 1pm

Chaired by: Pim van Baarsen, Silverstone Technology Cluster

- **Marcus Trofimov - Director, Silverstone Composites**
- **Sam Hudson - Managing Director, BAMD**
- **Cristiana Pace - Founder and CEO, Enovation Consulting Ltd**

SAMPE SESSION
1pm - 2pm

DETAILS COMING SOON!

Innovation in Composites Manufacture
2pm - 3pm

Chaired by: Adam Black, Carbon ThreeSixty

- **Composites at Speed and Scale - COMPASS**
Rob Hewison, Technical Manager, AMRC
- **High Volume, Sustainable Composites**
Steve Barbour, Managing Director, Composite Braiding Ltd
- **The Secrets of SMART Continuous Fiber Printing**
Lutz Feldman, Sales Director Europe, Anisoprint
- **Advanced Manufacturing of Industrial Graded UV Curable Graphene Hybridised CF/Polymat Composite with Enhanced Properties**
Nitai Chandra Adak, Post Doctoral Researcher, San Diego State University

