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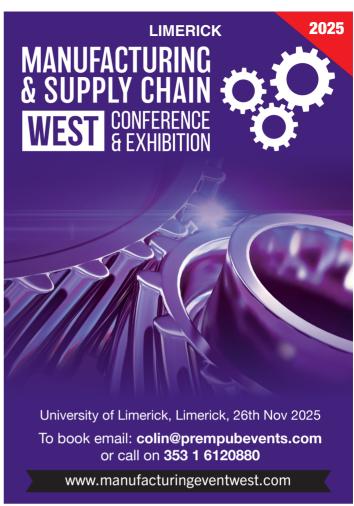
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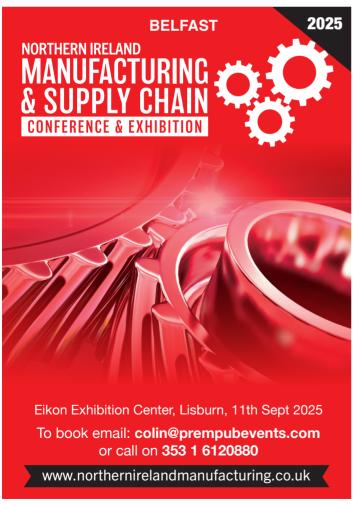
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in Manufacturing & Supply Chain Conference & Exhibition









Meet The Sponsors



On behalf of Scottish Engineering, I'd like to extend a very warm welcome to the 2024 Manufacturing and Supply Chain Conference and Exhibition which, following on from its growing success, returns this year for two days of fantastic exhibitors, talks and showcasing the best of our industry.

Scotland's manufacturing and engineering industry continues to face a challenging skills environment that places significant pressure on our sector, and whilst there are sectors with plenty of demand, it's not even across all. Scotland's defence, aerospace and energy sectors remain strong with a pipeline of demand to be fulfilled, but it's been at best a patchy year for construction that we would be helped by a welcome drop in interest rates.

Those themes are well matched to the comprehensive conference programme and exhibiting organisations that you will have a chance to hear from and interact with over the next two days, an opportunity to understand available technological solutions and discuss business services that can help your organisation. Thanks to our willing expert speakers and panel members, we have an impressive line-up of manufacturing leaders, academics, and government agencies who will engage in a stimulating blend of keynote addresses and debates to outline the key trends and challenges facing Scottish industry, while also offering practical solutions and showcasing the latest innovations, developments in best practice and new technological advances.

The full breadth of Scotland's manufacturing and engineering supply chain is covered at this event including energy, renewables, transportation, aerospace/space, marine, security, electronics, food and drink, biopharma, medtech, construction and textiles, and the very best supporting technologies from Robotics and Automation to 3D printing will be showcased too.

Industry knows that the way to work our way out of challenging times is to work together, to collaborate and bring complementary skills and knowledge that allow progress to be rapid and effective. Events like this are designed to make that ambition easy, with such a broad representation of ideas and physical capability all under one roof.

I'd like to close by restating my thanks to Premier Publishing and Events for enabling this Manufacturing Supply Chain Conference and Exhibition which is a fantastic addition to our industry event calendar, and I'd also like to thank all the exhibitors, speaker and visitors for choosing to be part of this and making it the growing success it is.

Yours sincerely

Paul Sheerin Chief Executive



Scotland Manufacturing & Supply Chain Conference & Exhibiton - Day 1

TIMES	NAME	TOPIC
9.55-10.00	Paul Sheerin, Chief Executive, Scottish Engineering	Opening Remarks
10.00-10.20	Paul Sheerin, Chief Executive, Scottish Engineering	Scotland's Manufacturing: A Review and Outlook
10.20-10.40	Molly Andrews, Product Regulation Engagement Manager – UK Department of Business and Trade	Updates to the UK's Approach to Conformity Assessed Marking & The Product Regulation & Metrology Bill
10.40-11.00	Timothy Bradshaw, Head of Operations and Co-Founder, Sandstone Communications	Resilience is a Team Sport
11.00-11.20	COI	FFEE BREAK & NETWORKING
11.20-11.40	John Pearce, CEO, Made in Britain	Industrial Circularity: British Manufacturers Taking Action to Reduce the UK's 90% Circularity Gap
11.40-12.00	Lee Bristow, CEO, Risk Copilot Limited	Human Al Alliance: Implement Al Governance Today, to Ensure Compliance Tomorrow
12.00-12.20	Wilderich Heising, Partner & Associate Director, Boston Consulting Group	The World In Turmoil? Mastering the Manufacturing and Distribution Network Strategy and Optimization and Ensuring Product Supply
12.20-12.40	Richard Noble OBE, Project Director, ThrustWSH	World Water Speed Record in Scotland? – Update Report
12.40-13.20	LUNCH & NETWORKING / IRISH DAN	NCE SHOWCASE AT THE CHATTERBOX WALL - 12.45 TO 13.00
13.20-14.00	Moderator: Dr Anne Velenturf, Senior Research Fellow in Circular Economy, University of Leeds Panellists: Lorna Bennet, Chartered Senior Engineer, Offshore Renewable Energy Catapult Scot Enterprise (TBC)	Investment Opportunities Into Circular Economy Supply Chains for Wind Energy
14.00-14.20	Jordan Tassell, Head of Marine & Ports, iconsys and Chris McComb, Scottish Consultant, iconsys	UK Shore Power: Moving the Decarbonisation Needle
14.20-14.40	Stuart McCallum, Partner, RSM UK	What is the Outlook For Manufacturing and How Can Growth Be Supported
14.40-15.00	Shona Clive, Cluster Projects Lead, Scottish Engineering	Rail Cluster Builder: Driving Growth and Diversification for Scottish SMEs
15.00-15.20	Ian Gardner, Account Technical Lead, IBM	Call to Action, Now is the Time For Business Transformation. Embrace Automation and Al
15.20-15.25	John Pearce, CEO, Made in Britain	Closing Remarks

Scotland Manufacturing & Supply Chain Conference & Exhibiton - Day 2

TIMES	NAME	TOPIC
9.55-10.00	Paul Sheerin, Chief Executive, Scottish Engineering	Opening Remarks
10.00-10.20	Paul Sheerin, Chief Executive, Scottish Engineering	Scotland's Manufacturing: A Review and Outlook
10.20-11.00	Moderator: Dave Nicholson from CEED Panellists: Richard from NMIS	Trust & Data Across a Manufacturing Value Network
11.00-11.40	Moderator: Jill MacBryde, Associate Principal, Strathclyde University Panellists: Stewart McKinlay, Skills Director, National Manufacturing Institute Scotland (NMIS), MaryJane Connelly, Scottish Government Manufacturing Team, Marisa Smith, University of Strathclyde	Building A Diverse And Inclusive Manufacturing Workforce
11.40-12.00	Marc Beswick, Digital Education & Adoption Lead, Scottish Government	Sustainable Solutions to Improve Access to Health Services Across Scotland: Remote Groups by Video
12.00-12.30	LUNCH & NETWORKING / IRISH DANCE SHOWCASE AT THE CHATTERBOX WALL - 12.05 TO 12.15	
12.30-12.50	Alan Burns, Global Process Improvement Specialist, MERCK	How To Engage Your Staff With Continuous Improvement - Culture, Behaviours & Mindsets
12.50-13.10	Timothy Bradshaw, Head of Operations and Co-Founder, Sandstone Communications	Resilience is a Team Sport
13.10-13.30	Carol Harvey, Export Finance Manager, UKEF(Scotland)	Supporting UK Exporters with Government Backed Finance
13.30-13.35	Moderator	Closing Remarks



















All presentations/timetables are subject to change. Please check with onsite event timetable on the day.





NMIS

National Manufacturing Institute Scotland



Robotics & Automation - Day 1



TIMES	NAME	TOPIC & ROBOTICS ***	
9.55-10.00	Lee Bristow, CEO, Risk Copilot Limited	Opening Remarks	
10.00-10.20	Laurie Barnes, Chief Technical Officer (CTO), Automate UK	Barriers to Innovation	
10.20-10.40	Tony Marlow, Sales Account Manager, Schubert UK Limited	Applications For Al In Automated Packaging Technology	
10.40-11.00	Lee Bristow, CEO, Risk Copilot Limited	ProductOS: Create Your Next Blue Ocean Today	
11.00-11.20	COFFEE BREAK & N	IETWORKING	
11.20-11.30	Elaine Morrison, Director of Productivity, Scottish Enterprise	Optimising Capital Investment and Improving Productivity	
11.30-11.55	Gavin Holm, Production Manager, R Biopharm Rhone Ltd	Learning from Best Practice	
11.55-12.05	Ryan Sheridan, Academic Leader and Operational Lead, Smart Hub Lanarkshire	SmartHub Lanarkshire	
	Nick Shields, Director of SMAS and Net Zero, Scottish Enterprise	Utilising the Right Support to Help You on Your Robotics and Automation Journey – Business Support/ NEXT STEPS	
12.05-12.20	Moderator: Ian Collinson, Head of Account Management, Scottish Enterprise Panellists: Elaine Morrison, Director of Productivity, Scottish Enterprise Gavin Holm, Production Manager, R Biopharm Rhone Ltd, Ryan Sheridan, Academic Leader and Operational Lead, Smart Hub Lanarkshire, Nick Shields, Director of SMAS and Net Zero, Scottish Enterprise	Panel Session Facilitated by Ian Collinson, Head of Account Management, Scottish Enterprise	
12.20-12.40	LUNCH & NETWORKING / IRISH DANCE SHOWCASE AT THE CHATTERBOX WALL - 12.45 TO 13.00		
12.40-13.20	Panel Discussion	The Future of Robotics - Automate your Factory	
13.20-14.00	Gregg Collett Industrial Sales - UK & IRE, CHG-MERIDIAN UK	Automation Investment - More Affordable Than You Think!	
14.20-14.40	Malcolm Porter, Automation Sales Manager, Linde Material Handling UK	Automation – Where do we start?	
14.40-15.00	Azmat Hossain, Business Development Director, Extend Robotics	Robotics for Hazardous Environments	
15.00-15.05	Lee Bristow, CEO, Risk Copilot Limited	Closing Remarks	

3D Printing, High-Tech Manufacturing & Advanced Engineering - Day 2







TIMES	NAME	TOPIC	
10.15-10.20	Moderator	Opening Remarks	
10.20-10.40	Calum Hicks, Research & Development Engineer, National Manufacturing Institute Scotland (NMIS)	Wear-Resistant Coatings for Sustainable Future: Alternative to Electroplated Hard Chrome	
10.40-11.00	Karen McFadden, Founder, Innovation Insights T/A Money Insights	Funding for Manufacturing and Where to Find it	
11.00-11.20	Murray Whittaker, Director, Whittaker Eng	To Be Announced	
11.20-12.30	LUNCH & NETWORKING / IRISH DANCE SHOW	CASE AT THE CHATTERBOX WALL - 12.05 TO 12.15	
12.30-12.50	Elangovan Parameswaran, Hot Forming Theme Lead, National Manufacturing Institute Scotland (NMIS)	Scotland: A High-Tech Manufacturing Hub	
12.50-13.10	Fabrizio Ragusa, Global Business Development Director Energy, Nikon SLM Solutions	Trends, Benefits and Challenges in the Adoption of AM in the O&G Sector	
13.10-13.30	Dr Jun Liu, Senior Manufacturing Engineer, National Manufacturing Institute Scotland (NMIS)	Green Manufacturing: Hybrid Superplastic Forming Titanium Components	
13.30-13.50	Lewes Glen, CAD Designer, National Manufacturing Institute Scotland (NMIS)	Exploring MBD: Discover the Future Beyond 2D Drawings	
13.50-13.55	Moderator	Closing Remarks	





























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Supply Chain & Logistics - Day 1



TIMES	NAME	TOPIC
9.55-10.00	Dr Michael Zhang, Reader in International Strategy, Nottingham Trent University	Opening Remarks
10.00-10.20	Dave McConachie, Chief Commercial Officer, Bellrock Technology Limited	Data and Analytics: Driving Supply Chain Efficiency & Growth
10.20-10.40	Evgenia Yakushina, Principal Knowledge-Exchange Fellow- National Manufacturing Institute Scotland (NMIS)	The Development of the CE Supply Chain for the Wind Industry- Barriers and Opportunities: How Big is the Prize?
10.40-11.00	Lauren Grundy, Application Engineer, Stratasys	Reshaping Success: Navigating Supply Chain Challenges through Reshoring Strategies
11.00-11.20	COFFEE BREA	K & NETWORKING
11.20-11.40	Thomas Cornthwaite, UK Operations, DiManEx	The Challenges and Rewards of Scaling Supply Chain Transformation Through Digitisation and Additive Manufacturing
11.40-12.00	Richard Hales, General Manager, SCP UK Limited	How Al Is Transforming Procurement
12.00-12.20	Dr Michael Zhang, Reader in International Strategy, Nottingham Trent University	Developing Resilient Manufacturing Supply Chains Through Building Micro-structural Partnership Ties
12.20-12.40	Dr Salisu Uba FCIPS, Founder and CEO, NatQuest	Revolutionising Supply Chain Management: The Power of On-Demand Expertise and Al Technology
12.40-13.20	0 LUNCH & NETWORKING / IRISH DANCE SHOWCASE AT THE CHATTERBOX WALL - 12.45 TO 13.00	
13.20-14.00	Panel Discussion	Supply Chain Management
14.00-14.20	Oliver King-Smith, CEO, smartR Al	Unlocking Efficiency Gains in Supply Chain, Logistics & Procurement with Al
14.20-14.40	Dr. Aleksandar Nikolov, Senior Supply Chain Analyst, National Manufacturing Institute Scotland (NMIS)	Integrating the Supply Chain in Capital Projects
14.40-15.00	David Beck, Business Development Manager, RGIS	To Be Announced
15.00-15.05	Dr Michael Zhang, Reader in International Strategy, Nottingham Trent University	Closing Remarks

IoT & Industry 4.0 - Day 2





















All presentations/timetables are subject to change. Please check with onsite event timetable on the day.





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Pharmaceuticals & MedTech, Skills & Future of Work - Day 1 SCOTLAND PHARMA & MEDTECH & MEDTECH





TIMES	NAME	TOPIC	
9.55-10.00	Nicki Paterson, Chief Growth Officer, Solutions Driven	Opening Remarks	
10.00-10.20	CMAC Representative	To Be Announced	
10.20-10.40	Nicki Paterson, Chief Growth Officer, Solutions Driven	Quiet Leadership	
10.40-11.20	COFFEE BR	REAK & NETWORKING	
11.20-11.40	Joseph Trodden, Programme Manager, Powering Futures	Unlocking Hidden Talent in the Next Generation Workforce	
11.40-12.00	Richard Hoyle, Senior Consultant, Finch Consulting	50 Shades of Compliance — Navigating Duty Holders Obligations and Reaping the Benefits	
12.00-12.20	Amy McDonald, Founder & CEO, Headtorch	Why Silence is Not Golden: Psychological Safety	
12.20-13.20	LUNCH & NETWORKING / IRISH DANCE SHOWCASE AT THE CHATTERBOX WALL - 12.45 TO 13.00		
13.20-13.40	Ombretta Caruana, Founder and CEO, Own Your Step	Tomorrow's Communication Skills: Preparing Leaders for Emerging Challenges	
13.40-14.00	Ollie Folayan, Co-Founder , AFBE-UK	5 Ways to Shift The Dial on Diversity	
14.00-14.20	Nikki Slowey, Director and Co Founder, Flexibility Works	How to Create Flexible Working in Manufacturing Roles	
14.20-14.40	Eleanor Bradford, Director of Corporate Communications, Media Training and Crisis Comms, Muckle Media	From Pitching To Meetings - The Lost Art of Presentation Skills	
14.40-15.00	Angus Robinson, Executive Chairman, Headtorch	The Golden Thread Creating High-Performing Organisations	
15.00-15.20	Karen Stewart, Managing Director, Nine Twenty Engineering & Manufacturing	How to Keep The Human Touch in Your Recruitment Processes As Al Advances	
15.20-15.25	Nicki Paterson, Chief Growth Officer, Solutions Driven	Closing Remarks	

Food & Beverage Manufacturing - Day 2



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TIMES	NAME	TOPIC
9.50-9.55	Moderator	Opening Remarks
9.55-10.15	Elaine Morrison, Director of Productivity, Scottish Enterprise	Optimising Capital Investment and Improving Productivity
10.15-10.45	Case Studies of Companies Who Have Received SE/SMAS Support and Can Demonstrate the Benefits of Adopting Robotics and Automation and Investment	Learning from Best Practice
10.45-11.00	SmartHub Lanarkshire	Ryan Sheridan, Academic Leader and Operational Lead, Smart Hub Lanarkshire
11.00-11.20	Utilising the Right Support to Help You On Your Robotics And Automation Journey	Nick Shields, Head of SMAS and Net Zero
11.40-12.00	Moderator: Ian Collinson, Head of Account Management, Scottish Enterprise Panellists: Elaine Morrison, Director of Productivity, Scottish Enterprise, Ryan Sheridan, Academic Leader and Operational Lead, Smart Hub Lanarkshire, Nick Shields, Director of SMAS and Net Zero, Scottish Enterprise	Panel Discussion
12.00-12.30	LUNCH & NETWORKING / IRISH DANCE SHOW	CASE AT THE CHATTERBOX WALL - 12.05 TO 12.15
12.30-12.50	Alistair Williams, Food & Drink Theme Lead, National Manufacturing Institute Scotland (NMIS)	The Digital Journey: Censors to ChatGPT
12.50-13.10	Dr Mohammed Reza Allazadeh, Manufacturing Engineer, National Manufacturing Institute Scotland (NMIS)	Investigating the Circular Economy of PET in Food Packaging
13.10-13.30	Katherine Thomas, Director, Brighter Capability	Strategy, Coaching and Culture for Operational Excellence in the Food Industry
13.30-13.50	Frank Ndiata, Postgraduate Student, University of Strathclyde	Developing, Implementing, and Evaluating Digital Transformation Strategies for SMEs in the Food Manufacturing Sector: A Context-Specific Approach
13.50-13.55	Frank Ndiata, Postgraduate Student, University of Strathclyde	Closing Remarks























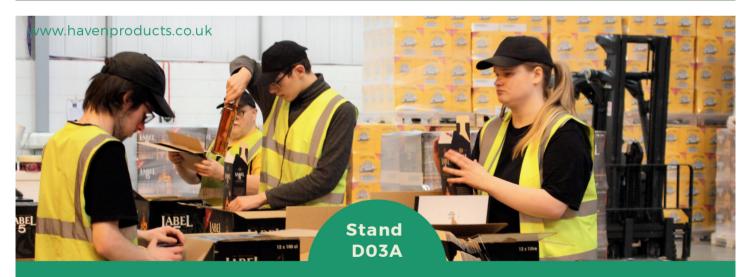
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STAGE 5: SUSTAINABLE MANUFACTURING & RENEWABLE ENERGY

Sustainable Manufacturing & Renewable Energies - Day 1





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TIMES	NAME	TOPIC
9.55-10.00	Brian Roche, Co-Founder, Smart Sustainability LTD	Opening Remarks
10.00-10.20	Dr Andrew Feeney, Senior Lecturer, James Watt School of Engineering at the University of Glasgow	Scottish Recycling and Sustainability
10.20-10.40	Robert Young MEng, Consultant Manager, Leyton	Sustainable Construction
10.40-11.00	Mohammad Babar, Program Manager, King Abdullah University of Science & Technology (KAUST)	Sustainable Energy in the Oil & Gas Sector: Impact on Innovative Research and Projects
11.00-11.20	COFFEE BREA	K & NETWORKING
11.20-11.40	Alistair Duncan, Indirect Tax Partner & Head of Customs Team, AAB Lloyd Milner, Carbon Accountant, AAB Mark Graves, Innovation Tax Partner, AAB	Saving Money and Ensuring Peace of Mind in ESG, R&D, and Customs Duties
11.40-12.00	Fiona McAteer, Project Manager, LeBruin Private (on behalf of Arigna Group)	A Real-life Transition Story From Fossil Fuel To One Of The Largest Biochar Producers In The World
12.00-12.20	Paul Donnachie, Director, Airius	Saving Business Up To 50% on Energy Costs & Carbon Emissions
12.20-13.20	0 LUNCH & NETWORKING / IRISH DANCE SHOWCASE AT THE CHATTERBOX WALL - 12.45 TO 13.00	
13.20-14.00	Moderator: Brian Roche, Co-Founder, Smart Sustainability LTD Panellists: Dr Jie Zhao, Research Manager of Design, Manufacturing and Engineering Management, University of Strathclyde	Sustainable Innovation Trends in the Manufacturing Industry
14.00-14.20	Eric Boinard, Net Zero Project Lead, Scottish Engineering	Net Zero, Have We Lost The Plot?
14.20-14.40	Chris Turner, Development Manager, Augean	To Be Announced
14.40-15.00	Michael Short, Professor (Research) and Associate Dean (Research & Innovation), Teesside University	IoT, Robotics and AI for Sustainable Manufacturing and Circular Economy
15.00-15.05	Brian Roche, Co-Founder, Smart Sustainability LTD	Closing Remarks

Sustainable Manufacturing & Renewable Energies - Day 2







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TIMES	NAME	TOPIC
10.15-10.20	Brian Roche, Co-Founder, Smart Sustainability LTD	Opening Remarks
10.20-10.40	John Forster, Chair and Founder, Forster Group	Investing In Energy Consumption - An Alternative Perspective For Net Zero Transition
10.40-11.20	Moderator: Brian Roche, Co-Founder, Smart Sustainability LTD Panellists: TBC	Future of Renewable Energy in Scotland
11.20-12.00	Moderator: Lorna Bennet, Chartered Senior Engineer, Offshore Renewable Energy Catapult Panellists: Dr Anne Velenturf, Senior Research Fellow in Circular Economy, University of Leeds, Susan Evans, UK Policy Lead, Resource Futures, Kenny Taylor, Zero Waste Scotland Scottish Engineering (TBC)	Investment Opportunities Into Circular Economy Supply Chains for Wind Energy
12.00-12.30		
12.30-12.50	Marianne Mailey, Cluster Projects Officer, Scottish Engineering	Empowering Local Business: Capitalising on Scotland's Offshore Wind Opportunity
12.50-13.10	Paul Shearin, Solar Director, Innasol	The New Era of Solar and Energy Storage
13.10-13.30	Zac Crossland, Head of Energy, Leyton	The Hidden Costs Of Energy & What Steps You Can Take To Mitigate Them
13.30-13.50	Steve Wilson, Energy Consultant, Focus Energy Services Limited	Energy Update: Market Options and Strategies
13.50-14.10	Stephen Livermore, Development Manager, Green Cat Hydrogen	The Role Of Green Hydrogen In Decarbonising Industry
14.10-14.15	Brian Roche, Co-Founder, Smart Sustainability LTD	Closing Remarks























All presentations/timetables are subject to change. Please check with onsite event timetable on the day.



STAGE 6: LEAN, PRODUCTIVITY & CONTINUOUS IMPROVEMENT / AEROSPACE, SECURITY & MARINE

Lean, Productivity & Continuous Improvement - Day 1



TIMES	NAME	TOPIC CONTINUOUS IN NOVEMENT OF
10.15-10.20	Moderator	Opening Remarks
10.20-10.40	Jennifer Griffith, Net Zero Skills Project Lead National Manufacturing Institute Scotland (NMIS)	Addressing Skills Challenges for Manufacturing Supply Chains
10.40-11.00	Brian Glennie, Managing Director, Powered By Ltd	Quiet Leadership
11.00-11.20	COFFEE BREA	K & NETWORKING
11.20-11.40	Alan Burns, Global Process Improvement Specialist, MERCK	How To Engage Your Staff With Continuous Improvement - Culture, Behaviours & Mindsets
11.40-12.00	Linda Middleton-Jones, Managing Director, International Trade Matters Ltd	Lean into Export
12.00-12.20	Jim Boyd, Director, UnrAVEL this Ltd.	Whatdunnit? Lessons From a \$100 Million Quality Crisis
12.20-13.20	LUNCH & NETWORKING / IRISH DANCE SHOWCASE AT THE CHATTERBOX WALL - 12.45 TO 13.00	
13.20-13.40	Megan James, Partner and EU Business Development Director, S A Partners	Deep Excellence: Enabling Sustainable Enterprise Excellence in Your Organisation
13.40-14.00	Dr Debra Carr, Innovation Partner - Scotland, Defence and Security Accelerator	The Defence and Security Accelerator: Can We Help You Develop Your Ideas and Supply Chain
14.00-14.40	Ceed Members Panel Discussion	High-Performing Teams in Manufacturing
14.40-14.45	Moderator	Closing Remarks

Aerospace, Security & Marine - Day 2



TIMES	NAME	TOPIC
9.55-10.00	Moderator	Opening Remarks
10.00-10.20	Stewart McKinlay, Skills Director, National Manufacturing Institute Scotland (NMIS)	SOS! Skills Challenges, Opportunities, and Solutions
	Spirit Aerosystem Representative	To Be Announced
10.40-11.00	Chris Dunn, MD,Malin Marine Consultants Amber Lithgow, Graduate Engineer, Malin Marine Consultants	MariLight — the Additive Manufacturing Opportunity for Our Marine Fabrication Industries
11.00-11.20	Joseph Kelly MEng, Consultant, Leyton	Future of Flight: Innovation in Aerospace
11.40-12.00	Colin Scouller, Thales	To Be Announced
12.00-12.20	Chris McComb, Sales Consultant, iconsys	The Future of Industrial Networks
12.20-12.25	Moderator	Closing Remarks



















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SCOTLAND MANUFACTURING & SUPPLY CHAIN





















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