

3D Printing (AM) / High Tech Manufacturing & Precision Engineering (PM)

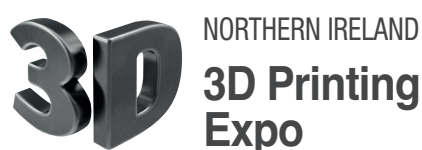


3D Printing (AM)

Times	Name	Topic
9.55-10.00	Kieron Swords, CEO, Dynamic Innovations	Opening Remarks
10.00-10.20	Cathal Finch, Area Sales Manager, Tyrolit	Tyrolit - Your Partner for Composite Cutting, Grinding, & Machining
10.20-10.40	David Wimpenny, Chief Technologist, National Centre for Additive Manufacturing - MTC	Overcoming the barriers to adoption of Additive Manufacturing
10.40-11.00	Joseph Reffitt, Regional Development Lead (Digital Engineering), National Composites Centre	Digital Engineering in Composites
11.00-11.20	COFFEE BREAK & NETWORKING	
11.20-11.40	Mark Higgins, Director of Operations, Fast Technologies	Life in the FAST lane for Small-Medium sized businesses
11.40-12.00	Margaret McCaul, Assistant Professor, DCU	3D Printing in Sensor Development for Monitoring Natural Waters
12.00-12.20	Dermot Brabazon, Professor, DCU	Digitalisation of Metal Additive Manufacturing for Part Microstructure and Quality Control
12.20-12.40	Kieron Swords, CEO, Dynamic Innovations	Sustainability and Circular Economy in Advanced Manufacturing
12.40-13.05	LUNCH BREAK & NETWORKING	

High-Tech Manufacturing & Precision Engineering (PM)

13.05-13.45	Moderator: Kieron Swords, Dynamic Innovations Panellists: David Wimpenny, Chief Technologist, National Centre for Additive Manufacturing - MTC, Mark Price, Professor of Aeronautics, High Value Design Lead, School of Mechanical and Aerospace Engineering, Queen's University Belfast & Dermot Brabazon, Professor, DCU	From Blueprint to Breakthrough: Unveiling the Power of 3D Printing and High-Tech Precision Engineering in Northern Ireland's Manufacturing Horizon
13.45-14.05	Adam Stewart, Manufacturing Intelligence Division, Hexagon & Paul O'Neill, Metrology Systems Sales Manager, Hexagon	HEXAGON - Intelligent Machine Control & Automated Inspection Solutions
14.05-14.25	Alastair Cupples, Manufacturing Engineer (CNC), Northern Ireland Technology Centre, Queen's University Belfast	Digital Machining
14.25-14.45	Mark Price, Professor of Aeronautics, High Value Design Lead, School of Mechanical and Aerospace Engineering, Queen's University Belfast	New perspectives on interoperability across design and manufacturing in an integrated design process
14.45-15.05	Peter Higgins, Digital Manufacturing Team Lead, Northern Ireland Technology Centre	Simulation for informed decisions on your factory floor, steps towards a digital twin
15.05-15.25	Tadhg Henderson, CEO, Profitsflow	Is MRP or MPS Best Suited to Your Business?
15.25-15.30	Kieron Swords, CEO, Dynamic Innovations	Closing Remarks



NORTHERN IRELAND
**High Tech Manufacturing
& Precision Engineering**
EXPO

NORTHERN IRELAND
**MANUFACTURING
& SUPPLY CHAIN**
CONFERENCE & EXHIBITION
TEC, Belfast, June 22nd 2023



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