

NORTHERN IRELAND MANUFACTURING & SUPPLY CHAIN CONFERENCE & EXHIBITION

Titanic Exhibition Centre, Belfast, 13th Feb 2019

Northern Ireland
FOOD/DRINK
BUSINESS EUROPE
INGREDIENTS • PROCESSING • PACKAGING • SUPPLY CHAIN
Conference & Exhibition

Northern Ireland
Construction
Expo 2019
Solid Foundation – Stronger Future



Smart & Green
Building Expo



**Facility Management
& Maintenance**



**SUPPLY CHAIN
& LOGISTICS**

3D Printing

**Northern Ireland
Medtech &
Biotech Summit**

**Northern Ireland
Pharmaceutical
& BioPharma
EXPO**

**NORTHERN IRELAND
HEALTHCARE
EXPO**

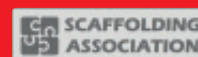
**NORTHERN IRELAND
High Tech Manufacturing
& Precision Engineering
EXPO**

IOT
Industry 4.0

LEAN
PRODUCTIVITY
& CONTINUOUS IMPROVEMENT
SUSTAINABILITY



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Main Stage: Northern Ireland Manufacturing & Supply Chain Conference & Exhibition

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Northern Ireland Manufacturing & Supply Chain Conference & Exhibition

Moderator: John Whelan

| Times | Name | Topic |
|---------------|--|---|
| 9.35-9.40 | Chairman - John Whelan | Opening remarks |
| 9.40 -10.00 | Richard Jeffers, RS Components | The challenge of developing Industrial IoT as a Service |
| 10.00 - 10.20 | Dr Aoife Foley, Lecturer in Mechanical & Aerospace Engineering - Queen's University Belfast | Mysticism, the sustainable energy transition and green manufacturing |
| 10.20 - 10.40 | Oonagh McArdle, EMEAI Sustainability Leader Corporate EH&S and Sustainability, Dow | Dow's Sustainability Journey |
| 10.40 -11.00 | Norman Apsley + Ken Nelson, Chairman + CEO, Ledcom | Preparing local economies for the Challenges of Business in the 21st Century |
| 11.00-11.20 | Gareth Hetherington, Director - Ulster University Economic Policy Centre | Economic Outlook and Labour Market Overview |
| 11.20 - 11.30 | Coffee Break & Networking | |
| 11.30-12.10 | Brexit Panel (Mod - Noel Thompson, BBC Northern Ireland) - Dr Stephen Farry, Alliance Party and Brexit Spokesperson, Carol Lynch BDO NI, Duncan Morrow Professor in Politics and Director of Community Engagement UU, Conor McCrory Immigration Solicitor, Cleaver Fulton Rankin Solicitors, Máirtín Ó Muilleoir, Sinn Féin MLA - Sinn Féin | Brexit Panel - The Challenges & Opportunities in the Northern Ireland Manufacturing & Supply Chain Sector Post Brexit |
| 12.10- 12.30 | Seamus Leheny, Policy Manager - Freight Transport Association | The Future of Logistics |
| 12.30-12.50 | Nick Rowe, Management Consultant, Lean Six Sigma | Sustaining Lean Six Sigma performance in your organisation |
| 12.50-13.10 | Dr Leslie Orr, Director - ADS Northern Ireland | Aerospace Industry Overview & Opportunities |
| 13.10-13.40 | Lunch Break & Networking | |
| 13.40-14.00 | Gillian Anderson, Deputy Agent for Northern Ireland - Bank of England | Economic Outlook for the UK |
| 14.00-14.20 | Bob Barbour, Director and Chief Executive - Centre for Competitiveness | EFQM Innovation Excellence Builder |
| 14.20-14.40 | Colm Higgins, Head of the Northern Ireland Technology Centre - Queens University Belfast | Improving Capability and Productivity of Northern Ireland's Advanced Manufacturing companies for increase Competitiveness |
| 14.40-15.00 | Dermot Connolly, Head of Global Business Development - Exertis Supply Chain Services | How to Optimise Manufacturing Tail Spend through Vendor Consolidation |
| 15.00-15.30 | Coffee Break & Networking | |
| 15.30-15.50 | Larisa Kryachkova, Operations Director, Encirc 360 | Achieving Improved Value-Based Pricing in Manufacturing Contract Negotiations by Integrated Approach |
| 15.50-16.10 | Mike Higgins, Managing Consultant - Circularwise | The Compelling Manufacturing and Supply-Chain Economics of Sustainable Engineering |
| 16.10-16.30 | William Bradley, Technical Engineer PGA Advisory | Robotic Automation: The Future of Manufacturing? |
| 16.30-16.35 | Chairman - John Whelan | Closing remarks |



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The Northern Ireland Food and Drink Business Expo

| Times | Name | Topic |
|---------------|--|---|
| 9.55-10.00 | Chairman | Opening remarks |
| 10.00 - 10.20 | Derek Thompson, Director - Gluten Free Ireland Ltd. | Coeliac Disease in the hospitality and catering industry |
| 10.20 - 10.40 | Ross Campbell, Founder and CEO - Cyber Colloids | From waste back to food |
| 10.40 - 11.00 | Peter Grant & Deirdre Flanagan, Fusion Programme Director and Graduate | Spark Innovation in your business with FUSION |
| 11.00 - 11.20 | Thomas McGauran, PHD QUB | 'Development of Novel Biopolymers derived from Poultry Waste Streams'. |
| 11.20 - 11.40 | Coffee Break & Networking | |
| 11.40-12.00 | Ronan Staunton, Global Marketing Director - DANONE Groupe | Emerging Trends: The future of food in an aging society |
| 12.00-12.20 | Allan Wilkinson, Agri Food, HSBC | Finding certainty and seizing opportunity in the Food Chain at home and abroad |
| 12.20-12.40 | Michael Bell, CEO of Northern Ireland Food & Drink Association | Know your onions |
| 12.40- 13.00 | Colin Elkins, Global Industry Director - IFS | AI and its place in the world of planning a food factory |
| 13.00-14.00 | Lunch Break & Networking | |
| 14.00-14.20 | Gary McFarlane, Director for NI, Chartered Institute of Environmental Health | Sustainability in food |
| 14.20-14.40 | John Mee, SCM Excellence and Business Analytics Manager - Glanbia | Enabling Track and Trace (T&T) capabilities in Fresh Dairy |
| 14.40-15.00 | David Walsh-Kemmis, Founder and MD - Ballykilcavan Brewing Company | Opportunities and challenges in the craft brewing sector |
| 15.00-15.30 | Coffee Break & Networking | |
| 15.30-15.50 | Seamus McDaid, Business Development Manager McDaid's Beverages USA | Exporting to the United States - The warts and all version |
| 15.50-16.10 | Declan Troy, Assistant Director of Research, Teagasc | The role of science in strengthening the food Innovation landscape in Ireland |
| 16.10-16.30 | Elizabeth O'Riordan, Founder, Real Food Ireland | Health is the new wealth |
| 16.30-16:50 | Doireann Barrett, Founder, The Gluten Free Kitchen Company | My Journey to learn about my Auto Immune Disease, whilst sharing my findings through Developing my Food & Wellness Brand" |
| 16.50-16.55 | Chairman | Closing remarks |

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Northern Ireland Construction Expo

| Times | Name | Topic |
|--------------|---|--|
| 9.55-10.00 | Chairman | Opening Remarks |
| 10.00-10.20 | William Brown, Associate - Quigg Golden Ltd | What's new with NEC4 |
| 10.20-10.40 | Ali Nadjai, Director of Fire Safety Engineering Research and Technology - Ulster University | Fire Safety Engineering from Laboratory to Building Construction |
| 10.40-11.00 | Brian Collier, Head of Construction Procurement, DAA | Dublin Airport Capital Investment Plan 2020+ |
| 11.00- 11.30 | Coffee Break & Networking | |
| 11.30-11.50 | Gavin McGuire, Director, FMB Northern Ireland | Licence to build; A pathway to licensing UK construction |
| 11.50-12.10 | Tony Joyce, Mac Group | Developing trends in Building Technologies – A main contractor's perspective |
| 12.10-12.30 | Tom Moloney, Managing Director, Construction Information Services | The Northern Ireland Construction Sector – Strengths & Weaknesses |
| 12.30-12.50 | Joe Maddy, Managing Director, Digital Construction Technologies Group | The transition from PAS 1192 to ISO 19650 |
| 13.00-14.00 | Lunch Break & Networking | |
| 14.00-14.20 | Marco Herbst, CEO, Evercam | Construction Cameras: Time-lapse, Video Analytics, BIM Integration, Dispute Avoidance |
| 14.20-14.40 | Mark Alexander, Commercial Partner - BLM | How construction clients can begin to prepare and protect themselves in the event that a 'hard' Brexit should take place |
| 14.40-15.00 | Nigel Davison, Director CPT Ltd | Managing Concrete Cancer |
| 15.00-15.30 | Coffee Break & Networking | |
| 15.30-15.50 | Robert Candy, CEO - The Scaffolding Association | Temporary Works and working safely at height |
| 15.50-16.10 | Paula Thornton, Pension Consultant and Business Development Manager - CIF Pension Administration Services | Working in Construction in Republic of Ireland? Make sure you are SEO compliant |
| 16.10-16.30 | Allan Cree, Managing Director - The Skillfull Pass Ltd | Getting Value out of Management System Audits in ISO 9001, ISO 14001, ISO 45001 certified Systems |
| 16.30-16.35 | Chairman | Closing remarks |



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Northern Ireland Smart & Green Building Show

| Times | Name | Topic |
|--------------|--|--|
| 9.55-10.00 | Chairman | Opening Remarks |
| 10.00-10.20 | Connor McCandless, Director UK Operations - Energystore Ltd | Understanding the carbon impact of Construction Products |
| 10.20-10.40 | Mark Carragher, Project Engineer, CES Energy | Your Energy Partner Behind the Meter: Ireland's Largest Private Wire Solar Plant |
| 10.40-11.00 | Jonathan Eves, Director, Eco-nomic Innovations Ltd | EcoDry Condensing Boiler Innovation |
| 11.00- 11.30 | Coffee Break & Networking | |
| 11.30-11.50 | Yvonne McNally, Associate, Cundall | Reduction of a Buildings' Energy Consumption |
| 11.50-12.10 | Roisin McLaughlin, NI Utility Regulator | 21st Century Networks |
| 12.10-12.30 | George Harold, CEO at Integrated Facilities Solutions | Digital Transition Strategy in Managing Building Information for the Asset Lifecycle |
| 12.30-12.50 | Joe Keating, Chief Data Officer - Glantus | Leading the construction ecosystem to a digital world |
| 12.50-13.10 | Gavan Duffy, Autodesk Technical Consultant - Diatec | Digitising Project Delivery using Cloud-based Technology |
| 13.10-14.00 | Lunch Break & Networking | |
| 14.00-14.20 | Joe Herbert, Project Manager & Business Development - Solmatrix | Joe Herbert, Project Manager & Business Development - Solmatrix |
| 14.20-14.40 | Tom Woolley, Architect & Educational Consultant - Rachel Bevan Architects | Tom Woolley, Architect & Educational Consultant - Rachel Bevan Architects |
| 14.40-15.00 | Patrick MacCormack, Practioner, Association - MCIWM International Synergies NI Ltd | Patrick MacCormack, Practioner, Association - MCIWM International Synergies NI Ltd |
| 15.00-15.30 | Coffee Break & Networking | |
| 15.30-15.50 | Willie Donaghy, Divisional Manager, Blackbourne Energy Solutions | A smart solution for energy efficiency and site resilience |
| 15.50-15.55 | Chairman | Closing remarks |



Smart & Green
Building Expo



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Northern Ireland High Tech Manufacturing & Precision Engineering Expo

Moderator: Alan Blair

| Times | Name | Topic |
|---------------|--|--|
| 9.55-10.00 | Chairman - Alan Blair | Opening remarks |
| 10.00-10.20 | Mark Gilligan, Business Development - Audit Comply | Combining Risk Based thinking and Quality Management in NI Manufacturing & Engineering |
| 10.20 - 10.40 | Paul Collins, Design Pro Automation | DesignPro Automation - what we are and how we do it |
| 10.40 -11.00 | Brian Carroll, Sales Manager Ireland, Sandvik | Automation in Mining; Underground Mining - Load, Haul & Drill Automation |
| 11.00 - 11.30 | Coffee Break & Networking | |
| 11.30-11.50 | Dr Yan Lin, Chartered engineer - School of Mechanical & Aerospace Engineering, QUB | Variation propagation management for process optimisation in complex assembly |
| 11.50-12.10 | | |
| 12.10-12.30 | Roger Onions, GTMA Engineering Supply Chain | Incremental Sheet Forming Process |
| 12.30-12.50 | Ian Walls, Portfolio Development Executive, Siemens | Smart Manufacturing – Digitalisation is everything |
| 12.50-13.10 | Findhan Strain, Director, Comeragh Composites | Exploiting Opportunities In Composite & Polymer Products |
| 13.10-13.30 | James McCorley, Managing Director - Arbarr Electronics Ltd | Innovation in Electronic Manufacturing Services |

Northern Ireland 3D Printing Expo

| | | |
|-------------|--|--|
| 13.30-14.00 | Lunch Break & Networking | |
| 14.00-14.20 | David Brady, Business Manager 3D Printing Technologies - Henkel | Additive Manufacturing – The Business Case |
| 14.20-14.40 | John Oliver, Business Development Manager, I-Form | Additive Manufacturing – Trends and Opportunities |
| 14.40-15.00 | Brian McAuliffe, Standards Strategy & Policy Lead EMEA, HP Inc | Digital manufacturing - the standards landscape |
| 15.00-15.30 | Coffee Break & Networking | |
| 15.30-15.45 | Ramesh Raghavendra, SEAM Research Director, WIT | Enhancing Additive Manufacturing skills through SEAM's new ThreeD Initiative |
| 15.45-16.00 | Dermot Brabazon, Dir - Advanced Processing Tech Research Centre at DCU | Additive Manufacturing - a game changer for sustainable manufacturing? |
| 16.00-16.15 | Denise Price, PPRC Business Manager - Queen's University Belfast | Working with the Polymer Sector to Improve Industrial Competitiveness |
| 16.15-16.30 | Tim Kernohan, Sales Manager, Solid Solutions | CAD Support for 3D Printing |
| 16.30-16.35 | Chairman - Alan Blair | Closing remarks |

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 3D Printing



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Northern Ireland Supply Chain & Logistics Expo

Moderator: Adrian McCourt

| Times | Name | Topic |
|---------------|---|--|
| 9.55-10.00 | Chairman - Adrian McCourt | Opening remarks |
| 10.00-10.20 | Ciaran Kirk, General Manager - IMGS | Using Data Analytics to gain a Supply Chain Competitive Advantage |
| 10.20 - 10.40 | Christopher Deans, Managing Director - Crane Worldwide Logistics | Changing Role of the 3PL provider |
| 10.40 - 11.00 | Peter Brady, CFO, Invoice Fair | Supply Chain Finance - Beyond The Banks |
| 11.00-11.15 | Mark Dohnalek, President & CEO - Pivot International | Global Supply Chain: All key elements to achieve a successful operation |
| 11.15 - 11.30 | Coffee Break & Networking | |
| 11.30-11.50 | Hannah Rudman, Strategic Transformation Director - Wallet Services | Building complex supply chains with DLT: opportunities for all island ecosystems |
| 11.50 - 12.10 | Tiernan Quinn, Managing Director - Capcon Premier Service Solutions | In a 200 mile journey sometimes the last mile is the hardest |
| 12.10 - 12.30 | Judith Bentley and Steve Webb, Director of Marketing and Communications, CILT | Network, Knowledge, Know-How. Empower your people to power your business |
| 12.30 - 12.50 | Joe Reid, Transatlantic & Charter Network Dev Mang - Panalpina World Transport | Air Freight Market Trends - 2018/19 |
| 12.50 - 13.10 | Dr James Crawford, Dir & Tech Expert - SAP Startup Accelerator for Digital Supply Chain | End-to-End Cold Chain Visibility with SAP Global Track & Trace |
| 13.10-14.00 | Lunch Break & Networking | |
| 14.00-14.20 | Andrew Kewson, Senior Director of Global Accounts - Optel Group | End-to-End Traceability: A New Competitive Advantage |

Northern Ireland Procurement Expo

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|-------------|--|---|
| 14.20-14.40 | Theodore Wasserberg, SAP Ariba - Account Executive - UKI - SAP | Rethinking Procure to Pay |
| 14.40-15.00 | Edward Quigg, Director - Quigg Golden Ltd | Getting it right – Evaluating tenders, debrief letters and awarding contracts |
| 15.00-15.30 | Coffee Break & Networking | |
| 15.30-15.45 | James Flanagan, Associate, Arthur Cox | The Lessons Learnt of The Reasonably Well Informed and Diligent Tenderer |
| 15.45-16.00 | Michael Gerner, Principal Director, Precise Proposals | Procurement: Keeping it honest |
| 16.00-16.15 | Pat Davis, Director Pat Davis Consulting | Elephant Traps in Public Sector Procurement |
| 16.15-16.30 | Catherine Crowley, Research Fellow – IVI, Maynooth Uni | Rethinking IT Sourcing and Supplier Management for the Digital Age |
| 16.30-16.35 | Chairman - Adrian McCourt | Closing remarks |



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Main Stage: Northern Ireland Lean Productivity & Continuous Improvement

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Northern Ireland Lean Productivity & Continuous Improvement

| Times | Name | Topic |
|-----------------------|--|--|
| 09.15-09.20 | Chairman | Opening remarks |
| 09.20-09.40 | Myles Sweeney, Director - Organization Development Tools Institute (ODTI) | Failing to Prepare is Preparing to Fail |
| 09.40-10.00 | John Brophy, Managing Director - Carrig Solutions | Manufacturing comes to the Office |
| 10.00 - 10.20 | John McLaughlin, Managing Director - De-Skill Business Solutions | Assisting SME growth with systems which work for the business |
| 10.20 - 10.40 | Marcin Kulik, CEO - Erivato | Acceleration to the Circular Economy |
| 10.40 - 11.00 | Ian Beckett, Chief Executive Officer - Eirtight Technology Ltd | Effective business transformation – Pragmatic and profitable execution strategies |
| 11-00 - 11.30 | Coffee Break & Networking | |
| 11.30-11.50 | Bernadette Rushe, Managing Director & Senior Consultant - Lean Ireland | Supply Chain Risk Management – Fail to prepare, prepare to fail |
| 11.50-12.10 | David Harkin, Managing Director, Lean NI | Lean Leadership, balancing hard & soft improvement activities for sustainable results |
| 12.10 - 12.30 | Alessandro Laureani, Director, Google Cloud | Leadership for Lean Six Sigma |
| 12.30 - 12.50 | Richard Doyle, Senior Consultant - Lean Ireland | Measurement System Analysis- The Key to successful process management |
| 12.50-13.10 | Carolyn Murphy, Programme Manager - Co-Innovate C/o InterTradelreland | The Co-Innovate Programme |
| 13.10-14.00 | Lunch Break & Networking | |
| Sustainability | | |
| 14.00-14.15 | Dr Peter Watters, Mechanical Engineer Consultant | Renewable Gas Transport in Ireland |
| 14.15-14.30 | Dr Justin Quinn, Sr Lecturer & Dir of the Centre for Engineering & Renewable Ergy - UL | |
| 14.30-14.45 | Marion Murphy, Managing Director - Mallon Technology | Harnessing the Power of Earth Observation data to monitor environmental trends |
| 14.45-15.00 | Tom Marren, CEO, CES Energy | Your Energy Partner Behind the Meter: Ireland's Largest Private Wire Solar Plant |
| 15.00-15.30 | Coffee Break & Networking | |
| 15.30-15.45 | Stephanie Graham, Lecturer in Management - Queen's University Belfast | Implementation of environmental practices within UK manufacturing companies - what does this look like? |
| 15.45-16.00 | Andrew Harris, Postgraduate Researcher, W-Tech QUB | A life cycle modelling approach for quantifying the risk and uncertainty of alternative bus technologies |
| 16.00-16.15 | Duncan Morrow, Director of Community Engagement - Ulster University | All Change: The Challenges of University-Community Relationships in a Society in Transition |
| 16.15-16.30 | James Kavanagh, Managed Print Solutions – Carbon Footprint and GDPR Compliance | Managed Print Solutions – Carbon Footprint and GDPR Compliance |
| 16.30-16.45 | Farid Arya, Lecturer in Mechanical Engineering - Ulster University | Research on Renewable Energy Sources |
| 16.45-16.50 | Chairman | Closing remarks |



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Northern Ireland IOT & Industry 4.0 Expo

Moderator: Sean Gilmore

| Times | Name | Topic |
|---------------|--|--|
| 9.55-10.00 | Chairman - Sean Gilmore | Opening remarks |
| 10.00 - 10.20 | Jane O'Keefe, Lecturer, CIT | Blockchain, the future management of supply chains and the relevance of synchronomodality |
| 10.20 - 10.40 | Paul Madden, Director, Centre for Competitiveness | Industry 4.0 and Digital Transformation – Where to Start? |
| 10.40 - 11.00 | Seán McLoone, Professor - Queen's University Belfast | Manufacturing Data Science: The Engine of Industry 4.0 |
| 11-00 - 11.30 | Coffee Break & Networking | |
| 11.30-11.50 | John Bustard, Teaching Fellow, Digital Transformation in the Department of Management | Exploring the event ecosystem in pursuit of value |
| 11.50-12.10 | Declan McDevitt, Senior Account Manager, Siemens | How manufacturing can forge a path to industrial digitalization of Industry 4.0 |
| 12.10 - 12.30 | Dr. David Trainor, CEO - Sentireal | Delivery of personalised mental health therapies using Virtual Reality and Artificial Intelligence |
| 12.30 - 12.50 | Philip Murdoch, Managing Director - Envision Intelligent Solutions | Security in a shrinking world |
| 12.50-13.10 | Harshad Mengle, Cyber Security Practice Lead, Capemigini | Next Generation Technology to protect IoT and ICS |
| 13.10-14.00 | Lunch Break & Networking | |
| 14.00-14.20 | Arthur Stone, Managing Director, OEE Systems | Performance Management for your SMART FACTORY - how to get the best out of Industry 4.0 and IoT technologies for your Digital Transformation |
| 14.20-14.40 | Jon Bryan, Professor - Bridgewater State University | Training challenges in the era of Artificial Intelligence |
| 14.40-15.00 | Ian Walls, Portfolio Development Executive, Siemens | Industrialising Additive Manufacturing – Taking inspiration from Fennel |
| 15.00-15.30 | Coffee Break & Networking | |
| 15.30-15.45 | Barry Rollins, CEO, ImportWise | IOT and Information Technology in Logistics |
| 15.45-16.00 | Conor Quinn, Business Alliance Manager (Engineering & Physical Sciences) Research and Enterprise - QUB | Delivering impact through collaborative research |
| 16.00-16.15 | Declan Kavanagh, Managing Director - Organisation Development Tools Institute | Digital Transformation-Building Organisational Digital Capabilities-A Snapshot |
| 16.15-16.30 | John Savage, CTO - ActionPoint | Smart Manufacturing and Digital Twins Real-world applications Now and into the Future |
| 16.30-16.45 | Andy Hill, Managing Director - Dokoo Digital | 5 Tips For Social Selling |
| 16.45-16.50 | Chairman - Sean Gilmore | Closing remarks |



Industry 4.0



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Northern Ireland Pharmaceutical & BioPharma Expo

| Times | Name | Topic |
|---------------|--|---|
| 9.55-10.00 | Chairman | Opening remarks |
| 10.00 - 10.20 | Robert Dunne, CEO Glycoselect Ltd | Better product analysis and manufacturing of biopharmaceuticals & diagnostics with glycan specific technology |
| 10.20 - 10.40 | Donal Harrington, Director of Life Sciences - IPT Ltd | Advances in Deterministic Parenteral Container Closure Integrity |
| 10.40 -11.00 | Grant Coffin, Life Science Industry Leader EMEA, Rockwell Automation | |
| 11-00 - 11.30 | Coffee Break & Networking | |
| 11.30-11.50 | Pat King, CEO, One Look Systems | Applying The 5 Principles Of Lean To EHS Using Software |
| 11.50-12.10 | Dale Haigh, Golder Associates | Understanding the safety and environmental risks of your Pharmaceutical Supply Chain |
| 12.10 - 12.30 | Philip Cooper, Business Development Manager - Pharma - Heuft | HEUFT inspection solutions for pharmaceutical products |
| 12.30 - 12.50 | Tim McGloughlin, Professor, University of Limerick | The Irish Medical Technology Eco system |
| 12.50-13.10 | John Johnson, Vice President, NSF Pharma Biotech | In times of change you need to change |
| 13.10-14.00 | Lunch Break & Networking | |
| 14.00-14.20 | Dr Thakur Raghu Raj Singh, Director, ReVana Therapeutics | Novel technologies for addressing unmet needs in drug delivery to the eye |
| 14.20-14.40 | David Morrissey, Sales and Business Development Manager, Anecto | Temperature Controlled Shipping and Storage |

Northern Ireland Medtech & Biotech Summit

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| 14.40-15.00 | John Walshe, Business Development Associate, Ward Automation | Automation and Robotics for the Medical Device and Pharmaceutical industries. |
| 15.00-15.30 | Coffee Break & Networking | |
| 15.30-15.50 | Natasha Gordon, Lead R& D Scientist, Airmid Healthgroup | Health friendly air - in pursuit of environmental wellness |
| 15.50-16.10 | Paul Flanagan, Managing Director, Camfil Ireland Ltd | Indoor Air Quality and Filtration Standard ISO-16890, incorporating Energy reduction opportunities on selection of air filters for HVAC applications |
| 16.10-16.30 | Carlos Garcia, Founder & CEO, Sinter Medical | Where the Additive Manufacturing in the medical sector is heading right now. |
| 16.30-16.50 | Rory O'Mahoney, Smurfit Kappa | Packaging Design for Manufacturers |
| 16.50-16.55 | Chairman | Closing remarks |



Northern Ireland
Medtech &
Biotech Summit



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Northern Ireland Healthcare Expo

Moderator: Breidge McGarvey

| Times | Name | Topic |
|---------------|---|--|
| 9.55-10.00 | Chairwoman - Breidge McGarvey | Opening remarks |
| 10.00 - 10.20 | Eddy Kerr, Hutchinson Care Homes | The true cost of caring! (It's more than just hospitality) |
| 10.20 - 10.40 | Mike McGurn, Lead Strength and Conditioning Coach - Queens University Belfast | The importance of Health and Wellness |
| 10.40 -11.00 | Tom Buller, Digital Development Supervisor - Connected Technology - Rentokil | Connected Technology & Innovation in Pest Control- Protecting UK businesses against the harmful effects of Pests |
| 11-00 - 11.30 | Coffee Break & Networking | |
| 11.30-11.50 | Michael Guilfoyle, Independent Financial Advisor, Fairstone, NI | Looking after your financial health |
| 11.50-12.10 | Jim Windsor, Business Development Executive, Randox Testing Services | Intoxicant Testing in the Workplace |
| 12.10 - 12.30 | Rosarii Mannion , National Director of HR, HSE | |
| 12.30 - 12.50 | Kenneth Galloway, Business Relations Manager, Randox | Prevention and early diagnosis, the key to a healthier life and business |
| 12.50-13.10 | Dr Ernest Lau, Cardiologist, Belfast Health and Social Care Trust | Data Protection in Healthcare – Why and How for the Large and the Small |
| 13.10-14.00 | Lunch Break & Networking | |
| 14.00-14.20 | David Gibson, Head of Sales Siemens | Digitalization for the Life Science Sector |
| 14.20-14.40 | Patrick Connolly, Partner - BLM | Cover your ears! Noise Induced Hearing Loss Claims |
| 14.40-14.45 | Chairwoman - Breidge McGarvey | Closing remarks |

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 HEALTHCARE
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Northern Ireland Brexit Summit

| Times | Name | Topic |
|---------------|---|--|
| 9.55-10.00 | Chairman | Opening remarks |
| 10.00 - 10.20 | Dan O'Mahony, Exertis Supply Chain Services | The current and future effects of Brexit on the Lifesciences sector |
| 10.20 - 10.40 | John McAuley, Managing Director CEI - Compliance Engineering Ireland | Brexit and Implications for Access to European and UK Markets |
| 10.40 - 11.00 | Michael Smith, Brexit Specialist, National Standards Authority Ireland | Brexit implications for standard and certification in particular CE marking |
| 11-00 - 11.30 | Coffee Break & Networking | |
| 11.30-11.50 | Andrew Bird, CEO & CFO, GSM | Brexit and the impact of a hard border |
| 11.50-12.10 | Michael Farrell, Director, PKF-FPM Accountants Limited | Brexit Opportunities and Challenges facing businesses in NI |
| 12.10 - 12.30 | Dr Stephen Farry, Deputy Leader of the Alliance Party and Brexit Spokesperson | |
| 12.30 - 12.50 | Carol Lynch, Partner, BDO NI | The new Customs and Trade rules for Importing into and Exporting out of Northern Ireland as a result of Brexit |
| 12.50-13.10 | Howard Knott, Logistics Consultant, Irish Exporters Association | Your post-Brexit Supply chain, a perspective from the other side of the Border |
| 13.10-14.10 | Lunch Break & Networking | |
| 14.10-14.30 | Ralf Lissek, German-Irish Chamber of Industry and Commerce | Brexit and your Supply Chain |
| 14.30-14.50 | Dr Peter Fearon, Chief Technology Officer - Innovation Action | Made in China 2025: The policy that triggered a trade war and what it means for you |
| 14.50-15.10 | Alasdair Reay, HPI Verification Services | Impact of Brexit on CE marking |
| 15.10-15.40 | Coffee Break & Networking | |
| 15.40-16.00 | Mike McGrath, Managing Director - Arvo | Brexit and your Supply Chain |
| 16.00-16.05 | Chairman | Closing remarks |



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



Research, Innovation and Collaboration

| Times | Name | Topic |
|---------------|---|--|
| 9.40-09.45 | Chairman | Opening remarks |
| 9.45-10.00 | Neil McLoughlin, Technology Transfer Manager - Dundalk Institute of Technology | Innovation – How to Generate Ideas |
| 10.00 - 10.15 | Lorraine Marks, Acting Head of KTP - Queens University Belfast | Embedding Innovation in your Business with Knowledge Transfer Partnerships in Queen's University Belfast |
| 10.15 - 10.30 | Alastair Booth, Engineering HUB Manager - South West College | The Engineering Hub A Collaborative Partnership |
| 10.30 -10.45 | Liam Lewis, Technology Gateway Centre Manager - CAPPA group, CIT | Enhancing your business through collaborative research |
| 10.45-11.00 | Hugh O'Neill, TCD | Investigating how industries can engage with universities to access research, strategic technologies and talented people |
| 11.00 - 11.30 | Coffee Break & Networking | |
| 11.30-11.45 | Stephen McComb, Knowledge Transfer Adviser - Innovate UK Knowledge Transfer Network Limited | Knowledge Transfer Partnerships |
| 11.45-12.00 | Tom Verner, Founder & Group Managing Dir of The Momentum Group | Are you fully optimising your R&D Tax Credits? |

Jobs, Skills and Training

| | | |
|---------------|--|---|
| 12.00 - 12.15 | Kathy Sinclair, Martin Blake, Director + Mediation Profile- Juris Resolution | How to use ADR to avoid costly lawsuits, maintain business relationships when disputes arise and avoid wasted time and energy |
| 12.15 - 12.30 | Adrian McCourt, Group Sales & Marketing Director - Grafton Recruitment | Beyond Pay: Becoming an Employer of Choice |
| 12.30-12.45 | Adam Coleman, CEO - HRLocker | #workisnolongeraplace |
| 13.00-14.00 | Lunch Break & Networking | |

Technology, Business, Finance & Services

| | | |
|-------------|---|--|
| 14.00-14.15 | Mark McKeown, Head of Belfast & North Down Business Centre - First Trust Bank | Building Success: Project Development and Working Capital Finance |
| 14.15-14.30 | Craig O'Keeffe, International Business Development Manager - TransferMate Global Payments | Leveraging an innovative FinTech to navigate uncharted waters |
| 14.30-14.45 | Clare Power, Quality Assurance & Collaborations Office - Institute of Technology Carlow | Quality Systems Management – made simple! |
| 14.45-15.00 | Graeme Weir, Membership Advisor FSB | Why fsb membership makes so much sense |
| 15.00-15.30 | Coffee Break & Networking | |
| 15.30-15.45 | Michael Spratt - Digtorc, Principal GDPR Consultant - Digtorc | IoT and Trust: Can we build solutions that aren't creepy? |
| 15.45-16.00 | Clyde Genie, Brand & Digital Strategy Consultant - Bradley Brand and Design | How to brand out from the crowd. Tips on building your brand |
| 16.00-16.15 | Brian Gilfedder, Regional Sales Director - Banner | Developing Banner's Mid Market Offering against the rise of the internet |
| 16.15-16.20 | Chairman | Closing remarks |



Advanced Manufacturing at Queens University Belfast

It might not be immediately obvious, but Queen's University Belfast has been playing an integral part in shaping and supporting the manufacturing sector in Northern Ireland for more than 50 years.

The university's footprint can be found in the work of many of the manufacturing and engineering pioneers who have gone down in history for their ground-breaking inventions or discoveries, much of which was inspired by Queens.

Take, for instance, the Wells turbine, the first modern wave-powered device capable of generating industrial-scale power and invented by Queen's professor Alan Wells; or the portable defibrillator developed by another Queen's professor Frank Pantridge (pictured).

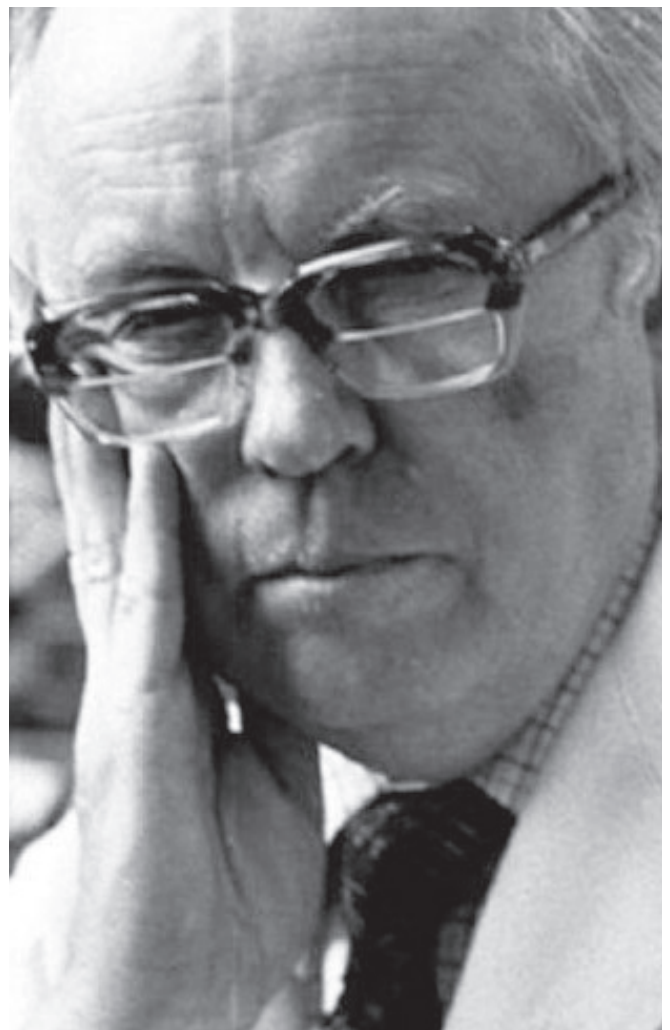
Both are truly revolutionary inventions and both were propagated at Queen's, along with a wealth of similar transformational technology.

More recently the university has partnered with global leaders in engineering and technology such as Bombardier, Rolls Royce, Seagate, Thales and Wrightbus – to name but a few – in their pursuit of excellence which is built on cutting-edge education and research.

So, it stands to reason that QUB should be at the centre of the Northern Ireland Manufacturing and Supply Chain Conference and Exhibition. We have been partnering with industry to ensure the continued success of the manufacturing sector in Northern Ireland since the university was founded more than 150 years ago. Most obviously, that partnership has extended to supplying well-qualified graduates who are armed with the right type of skills needed by manufacturing businesses in Northern Ireland and further afield. Perhaps less obviously it has also provided practical assistance, intellectual insights and research to many manufacturing businesses to help them grow their capabilities and compete on a global basis.

The latter form of assistance has become more and more important over the years, particularly when it comes to advanced manufacturing, an area where we are particularly specialised and can add most value. The challenges in remaining competitive within a global market require continual innovation, and very specialist skills in the latest technologies.

Here we give you an insight into the past, present and future of advanced manufacturing at Queens so you can see for yourself how we are embedded, not just in the local sector, but in advanced manufacturing across the world.



The Past

Stretching as far back as 1911, there been a close working relationship between QUB and the main engineering and textile companies which were once the lifeblood of the Northern Ireland economy.

Engineers from throughout Northern Ireland and beyond were able to study part-time degrees while university academics acted as consultants on different areas of research for clients. But it wasn't until 1960 and the opening of the Ashby Institute for Higher Technological Studies that formal arrangements were put in place to establish full-time advisory services where industry, and particularly smaller manufacturing companies, could make contact with and gain easy access to the engineering knowledge and expertise available within the university.

That stepped up a gear in 1968 with the formation of the Northern Ireland Low Cost Automation Centre (LCAC), aided by the governments of Westminster and Stormont. Its first consultancy project involved adding a simple pneumatically operated 'lay-off' attachment to a potato sack printing machine for Martin Wilson of Belfast.

The centre would become what is now known as the **Northern Ireland Technology Centre (NITC)** when combined with other centres in construction, electrical and electronics and product design. NITC now provides services to a wide range of Industries, adding knowledge and value to their activities across a number of sectors.

Since then the capabilities and breadth of the QUB's work in advanced manufacturing has grown considerably, as has the list of engineering companies both large and small which it has worked with. Along with the Polymer Processing Research Centre (PPRC), it has helped hundreds of companies increase their productivity, quality and value.

The NITC's role is defined now as bridging the gap between academic research and commercial production to meet industry's needs and offer advanced solutions for customers in various sectors, such as aerospace, industrial equipment, energy, consumer products, manufacturing, packaging and agri-food.

As a leading commercial service provider and one of Queen's University Belfast's primary links with industry, working with companies has led the NITC and PPRC to build a strong international reputation, helping raise the local sector's value proposition and competitiveness.

Some of the early projects carried out in advanced manufacturing by QUB

The Ford Motor Company was supplied with a system for the automatic alignment of distributor cam plates for heat treatment.

The DuPont facility at Maydown, Londonderry, was supplied with a range of machinery for yardage measurement of Lycra fibre

R J Hall the paint brush manufacturing company of Millfield, Belfast commissioned many labour-saving aids and auto-stapling machines.

Richard Kew of Downpatrick used the Centre over a 10-year period to introduce a range of machinery to improve the manufacture of leather fashion belts and latterly the automatic production of plastic belts

In the early 1980s the centre reengineered a device to measure the thickness of the back fat of pig carcasses, originally patented by the Department of Physics. The probes were still in use some 30 years later.

The Present

The important role advanced manufacturing in Queens plays in the Northern Ireland economy has been cemented by recent investments which have given it the technology needed to remain at the sector's cutting edge.

Such a focus has ensured that advanced manufacturing in Northern Ireland is more competitive through the optimisation and digitisation of manufacturing processes, including automation.



i-AMS / NITC

One of the most recent investments saw the university, along with the UK Government and Industry Partners, invest £7.5 m in the Northern Ireland Technology Centre. Aligned with the Centre for Intelligent Autonomous manufacturing systems (i-AMS), a pioneer research programme, in the faculty of Engineering and Physical Science, is leading innovation in new technologies for advanced manufacturing.

Through i-AMS, interdisciplinary researchers, spanning the disciplines of engineering, computer science, applied mathematics and psychology, are working together to tackle challenges within industry and helping to make Industry 4.0, the new industrial revolution, a reality.

It is spearheading the computerisation of manufacturing, including the use of advanced data analytics, machine learning, intelligent system and autonomous robotics concepts, digital manufacturing and human-robot interaction.

The facility is able to translate advanced research and new ideas in i-AMS quickly through to application in industry through the NITC, thereby giving partner manufacturing companies an edge.

It also provides Northern Ireland with an important regional link to the well-established UK High Value Manufacturing Catapult and Research Technology Organisations, as well as the emerging Irish Manufacturing Research Centre. All of these help to bridge the gap in technology concept and commercialisation.

The new facility will have an open door to industry partners, currently including RLC Global Point, Moyola Precision Engineering, JW Kane Precision Engineering Ltd., Travan Precision Engineering and Retec Engineering Solutions.

Ultimately, the facility allows us to address the challenges that the industry is currently facing and plan ahead to meet future needs. It also provides an opportunity to train up the next generation of experts in manufacturing. From a very early stage, our students at Queen's will have had the chance to use state-of-the-art industrial machines, which will be beneficial when they begin their careers in industry.

Polymer Processing Research Centre

Investment in the Polymer Processing Research Centre (PPRC) has also been transformational in sharpening the advanced manufacturing sector's competitive edge.

The centre's primary aim is to strengthen industrial competitiveness and provide a business-friendly interface between companies and QUB Research aligned to industrial needs. It works directly with industry, supporting them in leveraging funding and partnering with them in developing new products.

Based on QUB's internationally-renowned research in polymer materials and processing since the early 1970s and provision of undergraduate and postgraduate courses in polymers for over 40 years, the PPRC provides industrial training courses to help business upskill existing employees and attract new talent.

Processing facilities in the PPRC, which include equipment to undertake blown film, cast film, sheet and tube extrusion, rotational and injection moulding and compounding, are complemented by characterisation facilities to undertake studies on morphology, micro-structure, process control, rheology and physical properties.

One of their latest ventures is an exciting project exploring new ways to reduce waste from single use plastics, a major global challenge.



NIACE

The Northern Ireland Advanced Composites and Engineering Centre (NIACE) is another example of the importance QUB places on advanced manufacturing, and building the necessary specialist skills needed for advanced materials, in this case carbon fibre composites which are used widely in the aerospace industry, and now spreading across through automotive and marine technologies. Carbon fibre is also now making its way into the construction industry where there is major potential for innovation in materials.

NIACE is a technology hub for the research and development of advanced engineering and advanced materials technologies across a range of industrial sectors with its prime focus on the development of manufacturing processes and modelling of carbon fibre structures.

Member companies are co-located with academic staff from Queen's University Belfast and the University of Ulster and work together to develop world-class technology solutions for a breadth of manufacturing applications.

The Future

The future looks bright for advanced manufacturing in Northern Ireland with QUB committing to further investment in development and application of the most cutting-edge technologies.

Much of that will be focused on Industrial Digitalisation Technologies (IDTs), those which make up what many are calling the Fourth Industrial Revolution, or Industry 4.0.

At its core is the connectivity provided by the internet and associated communication technologies, but it also includes a spectrum of technologies including:

- Robotics and automation;
- Additive manufacturing;
- Industrial Internet of Things (IIOT);
- Virtual Reality (VR) & Augmented Reality (AR);
- Artificial Intelligence (AI) and data analytics.

The end vision for the application of IDTs has been termed the 'Factory of the Future'.

These manufacturing environments will deploy automation and analytics to the extent that they will operate in a 'lights out' manner. Factories of the Future will use humans and robots as co-workers and be inherently flexible to deal with the mass-customisation of products demanded by business models focused on individual consumer needs.

This radical shift in how factories operate will create new types of jobs, opportunities for innovation and exciting new careers for the engineers of tomorrow. We cannot predict many of these as they will evolve with this new landscape, and to help understand this we partner with Psychologists to help make the transition from our current practices to these exciting new ventures.

Our Guests

We have been able to bring a number of global technology companies - involved in everything from robotics to CNC, metrology to R&D tax advice - into Northern Ireland through our work in advanced manufacturing. Some of them have joined us today at the Northern Ireland Manufacturing and Supply Chain Conference & Exhibition and we would like to thank them for their support

They include:

- Kingsburys
- Mills CNC
- Bauromat (UK) Ltd.
- ASM Chartered Accountants
- KUKA Robotics UK
- FAST Technologies
- Staubli Robotics
- Grob Machine Tools UK LTD.
- Hexagon Manufacturing Intelligence

Bringing this expertise and responding to the needs of industry, Queen's has led a proposal within the Belfast Region City Deal (BRCD) to establish Northern Ireland's own Factory of the Future, the Advanced Manufacturing Innovation Centre.

Advanced Manufacturing Innovation Centre

The Advanced Manufacturing Innovation Centre (AMIC) is a proposal that will establish a new facility that will integrate all the streams of manufacturing and materials technology development within Queen's. It will provide a collaborative working space in which the latest IDTs can be deployed for experimental and pilot-production purposes.

AMIC will be established at the outset to integrate with UK and international digital manufacturing initiatives, in particular to act as a connector to the UK's High Value Manufacturing Catapult centres. It will support local companies in accessing innovation funding, particularly under Industry 4.0 programmes flowing from the UK's Industrial Strategy.

Driven by the technology roadmaps of partner companies, the capabilities of AMIC will be shaped to ensure that Northern Ireland is strategically placed to address the challenges, while exploiting the opportunities afforded by Industry 4.0.





Adam Coleman
CEO
HRLocker

Adam is the CEO and owner of HRLocker, a cloud based HR platform for progressive companies in the tech and professional service sectors.



Adrian McCourt
Group Sales & Marketing Director
Grafton Recruitment

Adrian McCourt has over 20 years' experience as a senior director, recruiting and developing highly successful teams across telecomms and IT.



Andrew Bird
CEO and Founder
GSM

Self confessed maverick Andrew Bird founded GSM to bring a fresh approach to today's business practises. He was the Group Head of Risk Management for HSBC before deciding to leave and set up his own company. Inspired by David Fishwick's actions after the banking crisis of 2008 Andrew decided to launch his own enterprise, rejecting the legacy models of business which inhibit innovation and stifle talent.



Allan Wilkinson
Head of Food & Agriculture
HSBC

Allan has worked within the food and farming industry since joining Midland Bank in 1988, with roles around the UK including a seven-year period as Area Director and Regional Commercial Director. Allan was appointed Head of Agriculture with HSBC in 2010.



Allan Cree
Managing Director
The Skillfull Pass Ltd

Allan is the Managing Director of The Skillful Pass. He has a track record of 25 years of:

1. Writing answers for tenders and PQs.
2. Providing management systems consultancy for:
 - a) Quality (ISO 9001).
 - b) Environment (ISO 14001).
 - c) H&S (ISO 45001).
 - d) Asset management (ISO 55001).



Allan Wilkinson
Head of Food & Agriculture
HSBC

Allan has worked within the food and farming industry since joining Midland Bank in 1988, with roles around the UK including a seven-year period as Area Director and Regional Commercial Director.



Alasdair Reay
Managing Director
HPI Verification Services

HPI Verification Services is an Anglo-Irish Notified Body for 4 European Directives. Alasdair started his career with Lloyds Register with subsequent spells at AEA Technology and ABS before creating the global chain of CE consultants, CEproof. In 2010, Alasdair bought the Certification Department of AEAT, creating HPIVS.



Alastair Booth
Engineering HUB Manager
South West College

Alastair Booth is the Engineering HUB Manager focusing on development of Engineering Education, skills and innovation. He is also the Sectoral Partnership Secretariat with a remit for apprenticeship reform and a Deputy Head of Department at SWC who hold the accolade of grade 1 ETI status in Engineering.



Alessandro Laureani
Director, Global Sales Development
Google Cloud

Alessandro has been involved in Lean Six Sigma since 2005, first in Hertz and then in Google, where he leads the Cloud Sales Development team. He has researched the impact of Leadership on Lean Six Sigma for his PhD and has published a number of papers on the topic.



Ali Nadjai - Director of Fire Safety
Engineering Research & Technology
Ulster University

Prof Ali Nadjai is Director of Fire Safety Engineering Research and Technology at Ulster University. His research examines how fires develop, how structures respond to fire, how technology fire protection and design solutions will be provided and how to model fire and fire related phenomena.



Andy Hill
Managing Director
Dokoo Digital

Andy Hill is a LinkedIn Expert having worked with some of the world's biggest brands. His workshop will show you how you and your business can use LinkedIn to build your personal & business brand.



Andrew Bird
CEO and Founder
GSM

Self confessed maverick Andrew Bird founded GSM to bring a fresh approach to today's business practises. He was the Group Head of Risk Management for HSBC before deciding to leave and set up his own

company. Inspired by David Fishwick's actions after the banking crisis of 2008 Andrew decided to launch his own enterprise, rejecting the legacy models of business which inhibit innovation and stifle talent.



Andrew Harris
Postgraduate Researcher
W-Tech Queen's University Belfast

Andrew Harris is a Postgraduate Researcher at the William Wright Technology Centre (W-Tech), Queen's University Belfast. Since 2017, Andrew has been specialising in life cycle modelling of alternative powertrain technologies for bus applications. His research enables robust recommendations to be made for the bus industry via the quantification of the associated risk, uncertainty and whole life cycle impacts, both environmental and economic.



Andrew Kewson
Senior Director of Global Accounts
Optel Group

A passionate individual with extensive experience in Operations, Engineering & Supply Chain dedicated to supporting the United Nations Sustainable Development Goals by influencing and directing industries through the deployment and utilization of enabling technologies.



Dr Aoife Foley - Lecturer in
Mechanical & Aerospace Engineering
Queen's University Belfast

Dr Aoife Foley BE MSc PhD CEng FIEI is a Lecturer in Mechanical & Aerospace Engineering, Queen's University Belfast and Editor in Chief of Renewable & Sustainable Energy Reviews.



Arthur Stone
Managing Director
OEEsystems International

Arthur Stone is Chief Executive Officer, OEEsystems International, delivering Smart Factory OEE Software and expertise to the world's most progressive manufacturing companies. We help them to improve competitiveness, increase output, reduce costs and deliver business performance excellence.



Barry Rollins
CEO
Import Wise

Barry Rollins is an ex airline pilot turned serial entrepreneur. Barry has created, grown and sold on several businesses where the navigation of supply chain was crucial to their success. Having, by his own admission, made a complete Horlicks of it almost everytime he came up with the idea of Importwise after speaking to other businesses who struggled to navigate the complex world of importing.



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Bernadette Rushe
Managing Director & Senior Consultant
Lean Ireland

Bernie has been involved in the management of supply chain and business process improvement activities for over 30 years. She received her Lean and Six Sigma training at Dell Computer Corporation.



Bob Barbour
Director and Chief Executive
Centre for Competitiveness

Bob Barbour is the Director and Chief Executive of the Centre for Competitiveness with offices in Belfast and Dublin, Citywest. The Centre is an independent, not for profit, private sector, membership organisation actively supporting the development of an internationally competitive economy on the island of Ireland through Innovation, Productivity and Quality.



Brian Carroll
Sales Manager Ireland
Sandvik Mining & Rock Technology

Brian Carroll is Parts, Service & Warranty Lead and Sales Manager (Mining) for Sandvik in Ireland with 19 years of experience with Sandvik.



Brian Collier
Head of Construction Procurement
DAA

Brian has worked in Dublin Airport for almost 30yrs, over 20 years of which has been in procurement. In that time Brian has delivered in excess of €2bn worth of construction projects, which included T2 and he is currently finalising a procurement strategy for the next Capital Investment Programme.



Brian Gilfedder
Regional Sales Director
Banner

Brian has been a stalwart of the Northern Ireland Business community for over thirty years having worked in Confectionery with Cadbury, Energy with Emo Oil and for the last 19 years with Office Products and Service giant Banner.



Brian McAuliffe
Standards Strategy & Policy Lead
EMEA, HP Inc. - HP

Brian is a master technologist in HP's CTO office responsible for standards strategy on new products & technologies in support of HP business strategy. He manages the company's engagement in multiple SDOs, fora/consortia, and industry associations and is HP's standards lead on 3DP/Additive Manufacturing.



Barry Rollins
CEO
Import Wise

Barry Rollins is an ex airline pilot turned serial entrepreneur. Barry has created, grown and sold on several businesses where the navigation of supply chain was crucial to their success. Having, by his own admission, made a complete Horlicks of it almost everytime he came up with the idea of Importwise after speaking to other businesses who struggled to navigate the complex world of importing.



Dr. Clare Power
Quality Assurance & Collaborations
Office - Institute of Technology Carlow

With over 20 years professional Quality Assurance and Enhancement experience, with related peer review publication, Clare maintains a keen interest in Quality Enhancement both in Higher Education, Aviation and in Industry. Clare's proposed topic examines a practical approach to the design and maintenance of Quality Management Systems within the environment of regulatory requirement.



Carlos García Pando
Founder and CEO
Sinter Medical

Carlos has worked in all aspects of the additive manufacturing and 3D printing since 2004. From the concept and design changes, the actual A.M. processes improvement and research, to the heat treatments and finishing, Carlos has hands-on experience in metals and polymers with successful cases in many industrial sectors and applications, including orthopaedics, space, food and machinery.



Catherine Crowley
Research Fellow - Innovation Value
Institute, Maynooth University

Catherine Crowley is a Research Fellow at the Innovation Value Institute (IVI) where her research interests include the business value of information technology and digital transformation.



Conor McCrory
Corporate Immigration Lawyer
Cleaver Fulton Rankin Solicitors



Craig O'Keeffe - International Business
Development Manager - TransferMate
Global Payments

Craig O'Keeffe serves as an International Business Development Manager for TransferMate Global Payments. Through relative experience in multinationals including Eishtec, Tech Mahindra and Se2, Craig brings expert knowledge of a global sales environment with a focus on international payments.



Christopher Deans
Managing Director
Crane Worldwide Logistics

A successful, Director within the Global Logistics & Supply Chain Industry. Accountable for leading, directing and managing a team of professionals across all functions for results throughout the full portfolio of services 3PL, 4PL, Freight Forwarding and Logistics & Distribution.



Dr. Chris Keely
Senior Business Development Manager
Trinity College Dublin

Dr. Chris Keely brings 20 years of experience working in and with, technology-focused multinational and indigenous Irish companies in the areas of new business generation and industry/academic engagement.



Ciaran Kirk
General Manager
IMGS

Ciaran has worked in the IT industry for nearly 20 years, initially as a software developer and for over 16 years in both the GIS and Data Integration Sectors with IMGS, where he is now General Manager.



Clyde Genie
Brand & Digital Strategy Consultant
Bradley Brand and Design

Clyde is a Brand & Digital Strategy Consultant who works with Bradley Brand & Design helping Irish brands differentiate themselves from a crowded market.



Colin Elkins
Global Industry Director
IFS

Colin Elkins is the Global Industry Director for Process Manufacturing at IFS, with over 25 years' experience in ERP solutions for process industries. Colin has been a senior pre-sales consultant for much of this time and has extensive knowledge of the business issues and requirements faced by process manufacturers.



Colm Higgins
Head of the Northern Ireland Technology
Centre - Queens University Belfast

Colm leads a team of engineers at the Northern Ireland Technology Centre (QUB), delivering support to local industry through applied research & development, innovation and knowledge transfer in design, engineering and manufacturing activities.

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Connor McCandless
Director UK Operations
Energystore Ltd

Connor joined energystore Ltd in 2016, moving home after 8 years working for UK plcs in London. Starting life off as an Accountant, Connor is now responsible for overseeing energystore's expansion into the UK market as well as the R&D activities the company undertakes.



Conor Quinn
Business Alliance Manager Research & Enterprise - Queens University Belfast

Conor is responsible for developing strategic research partnerships across all disciplines of engineering and physical sciences. He supports academic colleagues and industrial partners in developing collaborative research project proposals and in securing innovation funding from Innovate UK and InvestNI in support of these projects.



Carol Lynch
Partner Customs and Trade
BDO NI

Carol is a Partner at BDO Customs and International Trade Services. Carol has more than 25 years' experience in customs and international trade. Carol is currently heavily involved in advising clients on the impact of Brexit and is working with a number of high profile companies in this regard. She has been requested to present to the Oireachtas Finance Committee on the impact of Brexit for traders in Ireland and also presents on behalf of Chambers Ireland and InterTrade Ireland.



Carolyne Murphy
Programme Manager - Co-Innovate C/o InterTradeIreland

Carolyn joined the team as Co-Innovate Programme Manager in early 2017. Carolyne's career commenced in banking and she has been working within Economic Development for 20 years, specifically focusing upon cross border SME collaborations and networks funded by EU Programmes such as Peace and INTERREG.



Duncan Morrow
Director of Community Engagement - Ulster University

Formerly The Chief Executive of the Northern Ireland Community Relations Council he was also Chair of the Scottish Government's Advisory Group on Tackling Sectarianism and in 2016 chaired the Scottish Government's Advisory Group on Tackling Hate Crime, Prejudice and Community Cohesion



Deirdre Flanagan
FUSION Graduate/Innovation
Technologist - Seerys Heatherfield Ltd

Deirdre is a graduate of the Baking and Pastry Arts Management course in DIT Cathal Brugha Street, where she found a love of new product development. She worked in RD&A in Kerry Group for 2 years before undertaking the Fusion program in Seerys bakery in Carlow.



David Gibson
Head of Sales
Siemens DF & PD Ireland

David Gibson - Head of Sales - Siemens DF & PD Ireland. 20 years experience of promoting and providing automation and digitalization insight to the Life Science Sector within Ireland.



Dale Haigh
Senior Consultant EHS and Risk
Management Consultant - Golder

Dale Haigh is the UK and Ireland Business Unit leader for Environmental Management and the European Manufacturing Services lead for Golder Associates.



David Brady
Business Manager 3D Printing
Technologies - Henkel

In 2017 I became the Business Manager for Henkel 3D Printing and Additive Manufacturing (AM) for the UK and Ireland. I have been involved with the technology for a number of years in RP (Rapid Prototype) development work. In my current role I focus on the development of new business across all Henkel SBU's (Strategic Business Units) driving the adaptation of 3D Printing utilising Henkel materials.



Dan O'Mahony
Lifesciences Sector Manager
Exertis Supply Chain Services

Dan O'Mahony manages customer engagement in the Lifesciences and industrial portfolios in Exertis Supply Chain Services. Exertis helps firms to consolidate their supply base and to reduce inventories. The company deploys systems, people and capital on behalf of its clients to help reduce supply chain complexity.



David Harkin
Managing Director
Lean NI

David Harkin is a MBA qualified senior manager & managing consultant with 30 years' experience at executive level in international companies, now primarily advising MDs/factory managers/owners and business leaders on Lean performance improvement.



David Morrissey
Sales & Business Development
Manager - Anecto

David Morrissey is the Sales and Business Development Manager for Anecto, and has been with the company for 8 years. David has been a key account manager for customers in Ireland and throughout Europe during a period of remarkable growth for Anecto, in which total completed testing projects has more than quadrupled.



Dr. David Trainor
CEO
Sentireal

Dr. David Trainor is the CEO of Sentireal, who supply Virtual and Augmented Reality software for healthcare training and guidance. Sentireal creates unique 'personal immersive learning' experiences by generating personalised training media using Artificial Intelligence.



David Walsh-Kemmis
Founder and MD
Ballykilcavan Brewing Company

David Walsh-Kemmis is a 13th generation farmer who qualified as a IBD certified brewer and maltster before setting up a new craft brewery on his 380 year old family farm near Stradbally in Co. Laois. He has been featured on UTV's Rare Breed and on RTÉ's A Wild Irish Year.



Declan Kavanagh
Managing Director - Organisation
Development Tools Institute

Declan has 38 years' experience in technology business initially with multinational ICT organisations rising to CEO level. He founded a software services company in 2003 which was acquired by Capgemini/Sogeti in 2008.



Declan McDevitt
Digital Industries Business Manager
Siemens

Declan's career has had several senior roles within Industrial global automation companies and now since 2010 he works for Siemens, Digital Industries on encouraging Industrial digitalization within local manufacturing.



Denise Price
PPRC Business Manager
Queen's University Belfast

Denise Price was appointed PPRC Business Manager in 2000 a role which has led to her working with companies in a range of sectors across the world.



Meet our Key Account and Industry Sector Managers on stand E05 to discuss how we can help you.

RS will showcase the latest technology on Titan II – a 35-tonne truck, featuring technologies such as RS' DesignSpark platform, Raspberry Pi, 3D printing, robotics, Internet of Things and thermal imaging – as well as virtual reality (VR) and augmented reality (AR) to really bring innovation to life.

 uk.rs-online.com




MMD Communications has been offering O2 mobile & digital solution services in Northern Ireland & Scotland for over 10 years.

As an O2 franchise partner, this allows us to build completely bespoke business mobile packages tailored to suit your individual business needs.

Building long term relationships with our clients is something we strongly believe in. We go to great lengths to ensure all clients receive a first rate service.

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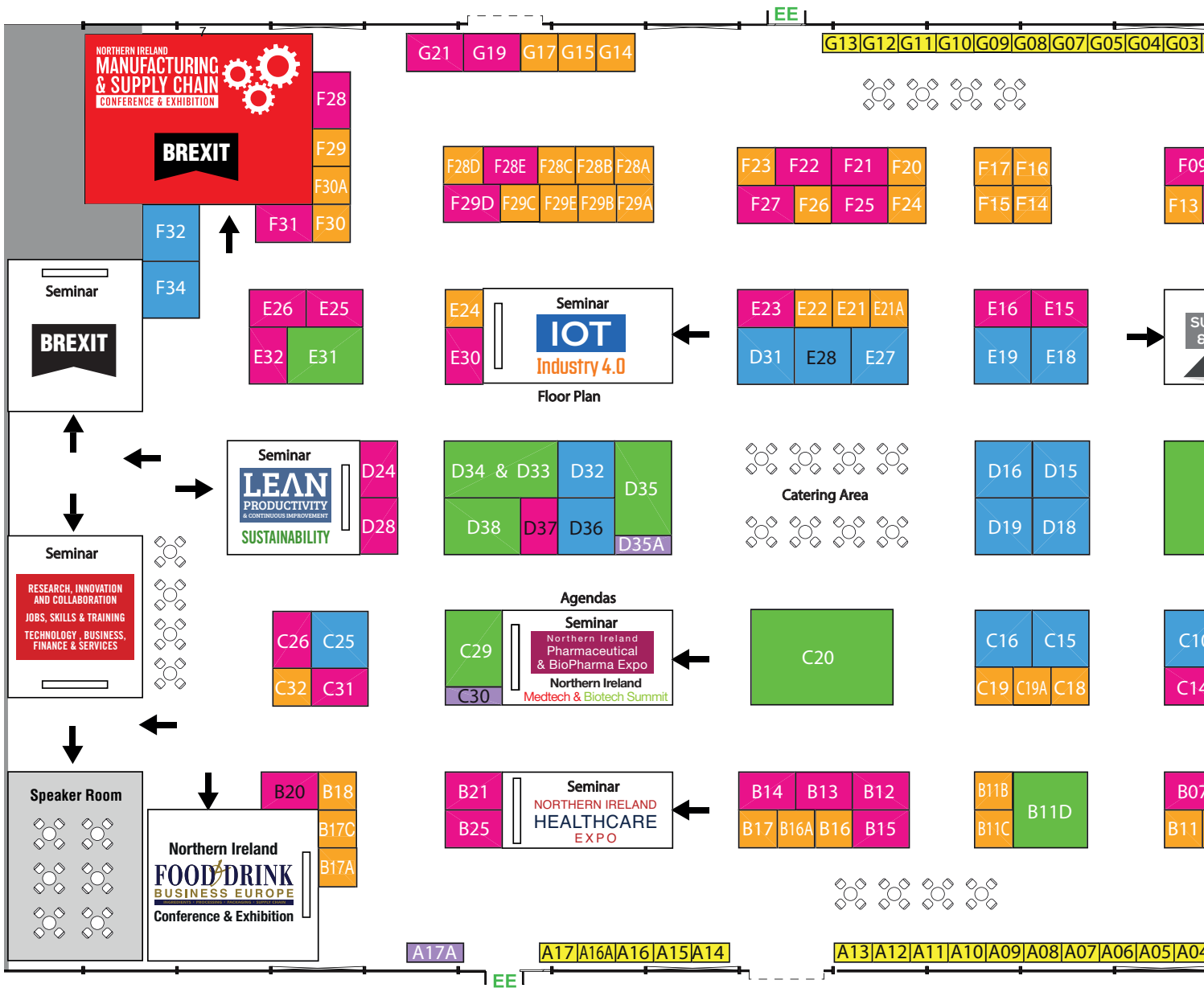
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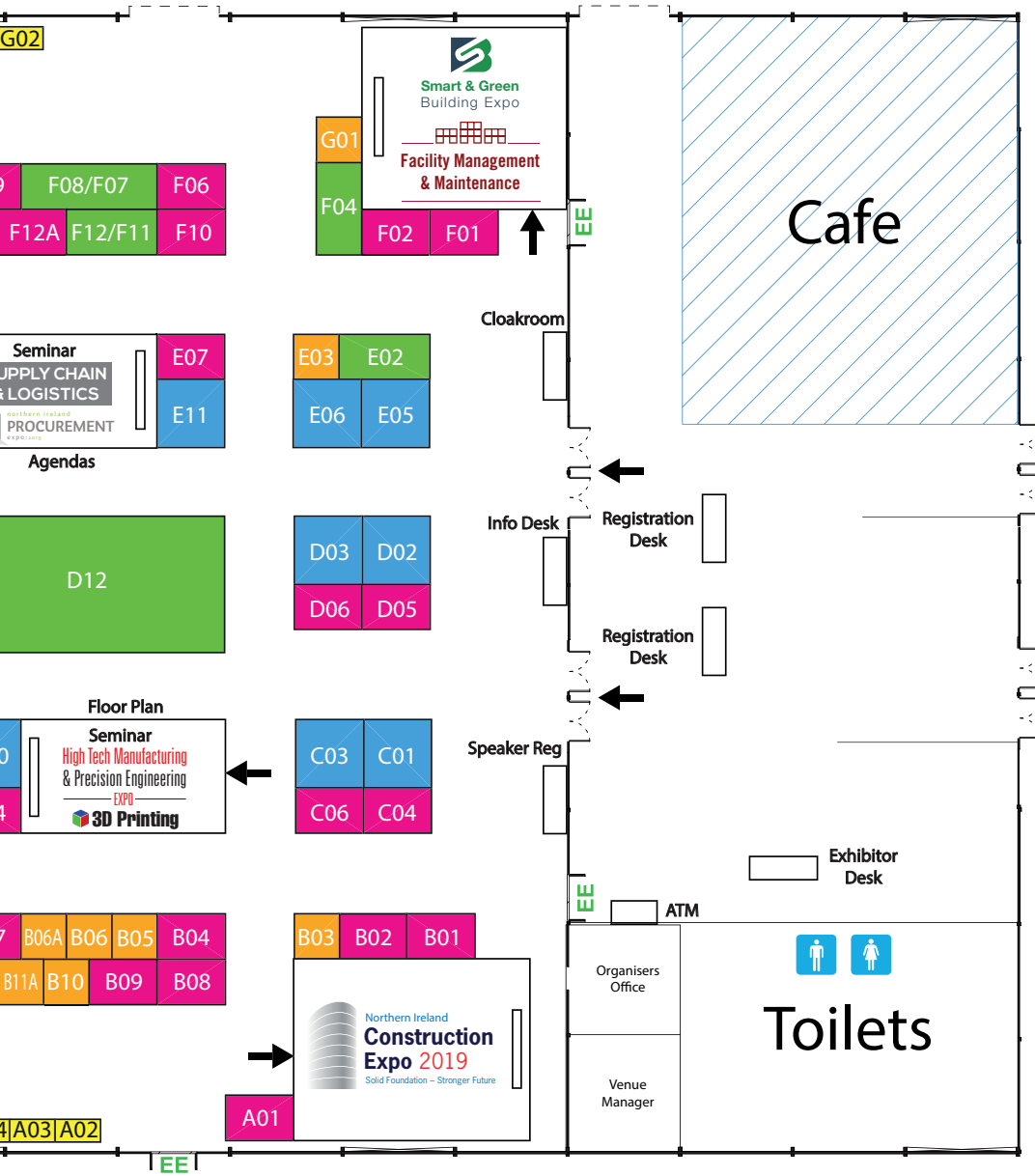
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|---------|----------------------------------|---------|---|---------|---|
| D12 | ASM Chartered Accounts | C10 | DesignPro Automation | A07 | Finsa Forest Products Ltd |
| G19 | Acorn IT Solutions | F29A | De-Skill Business Solutions Ltd / FlowLens Ltd | B11 | Federation of Master Builders |
| E06/E11 | Asdon Group / Origin 6 / Cybiss | F25 | Donite Plastics | G05 | Fullerton Cutting Tools Ltd |
| F20 | 5S Supply Ltd | F28C | Capcon Premier Service Solutions | B15 | GROW Sales |
| F02 | 5XTECHNOLOGIES | A12 | Centre for Advanced Photonics and Process Analysis | D15 | GT Exhausts Ltd |
| F22 | 123insight | C31 | Compliance Engineering International | D12 | Grob Machine Tools UK Ltd |
| D19 | Adata/Qvis Global | F04 | Cyberguarded | D18 | Global Home Warranties Ltd |
| F28D | Appian Fasteners | E18 | Cobalt Systems | C25 | GreaseShield |
| F28A | Ash Technologies | E30 | Canon | G11 | Gibson Plus Ltd |
| F12A | Ace Express Freight | A15 | CILT UK | A10 | Hidrostral |
| D02 | ATC Automation | B11A | CITB NI | D12 | Hexagon Manufacturing Intelligence |
| F06 | AIC Plastic Pallets Ltd | D12 | Centre for Intelligent Autonomous Manufacturing Systems | G13 | Happy Raspberry |
| F29 | Anecto Test Services | C19A | CoreChex Ltd | E02 | Henderson & Taylor FM Limited |
| A13 | Alltra Food Training Solutions | F31 | Crossen Eng – Injection Moulded Solutions | B06 | Integral Office |
| B10 | Altecnic Ltd | B01 | Cuchulain Workwear | B21 | Innovention |
| B02 | Brammer Ireland | E26 | Doran Precision Engineering Ltd | D12 | Institute for Global Food Security (IGFS) |
| F24 | Banner UK | A03 | DS Environmental Services | D05/D06 | Inspire 3D |
| E15/E16 | Busch | F13 | DBC Group | E27 | Intertrade Ireland |
| A17A | Bradley Brand | F07/F08 | EMC | G12 | The Industrial Symbiosis Service |
| D12 | Bauromat | A16A | Ecomm365 Merchant Services | B11D | ICW |
| F28B | BPMBuild | B06A | Electricity Worx Ltd | A05 | I-Form |
| B05 | BIMsafe | A08 | Enterprise Europe Network | A11 | ID Solutions |
| F30 | Berger Tools | G21 | European Springs and Pressing Ltd | A09 | Institute of Material Finishing |
| B07 | Brother | C03 | ERGOPACK by Combind | B17C | IE Domain Registry CLG |
| A14 | CES Quarry products Ltd | F34 | Exertis Supply Chain Services | F16 | IMGS |
| A01 | CPAS | E32 | ECT | B03 | IFS |
| A16 | Centre for Competitiveness | F27 | EASi LED Lighting | D12 | Kuka Robotics UK |
| G04 | CK International | A02 | FlexMaint | D12 | Kingsburys |
| F21 | Co-Innovate Programme | B25 | Fountain Works | B16A | Kellys |
| E31 | Clenli Direct | D12 | Fast Technologies | C01 | Kaizen PLM |
| D35 | Carey Cleaning Machines Ltd | | | F29E | Knowledge Transfer Partnership |
| E21 | Contax Production Automation Ltd | | | B13 | Liffey Plastics Ltd |
| G09 | Cancer Focus Northern Ireland | | | G17 | Lister Machine Tools NI |



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Titanic Exhibition Centre, Belfast, 13th Feb 2019



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| | | | | | |
|---------|---|------|--|------|--|
| G01 | Laminate Solutions | F09 | PACE Mechanical Handling Ltd | C06 | Tailored Image Ltd |
| F14 | maxon motor | D12 | Queens University Belfast Advanced Manufacturing | F30A | TR Logistics Group |
| D31 | MJ Flood NI | B17 | Quadra Consulting | G02 | TimeKeeper |
| F11/F12 | Meteorlite | A04 | Rutland Centre | E21A | Ultrapolymers Ltd |
| D12 | Mills CNC Like No One Else | B11C | Recruit island | G10 | VMI Productions.ie Video Marketing Ireland |
| E25 | Microtek U.K. | B11B | Randex Testing Services | E18 | Vision ID |
| E23 | The Momentum Group | E24 | RTR Electronics | G15 | Volta |
| C16 | M Pack | D03 | Renishaw | D35A | Veidec UK |
| E07 | Mclvor Plastics | F15 | Renishaw | B14 | Wise Ltd |
| C20 | MMD Communications | E05 | MMDKil Pest Control | D38 | WorkPal |
| F32 | The Manufacturing Technologies Association | C15 | RS Components Ltd | C04 | Xperience Dynamics |
| C19 | Modular Panel Systems Ltd | F28 | Stansomatic A/S | | |
| D32 | Northern Ireland Chamber | D12 | Special Steels | | |
| D12 | Northern Ireland Advanced Composites & Engineering | C30 | STAUBLI Robotics | | |
| F01 | Novosco | F29B | Soroptimist International Northern Ireland | | |
| B18 | NetRegs – Environmental Guidance for your Business | F29B | Sana Commerce | | |
| D12 | Northern Ireland Technology Centre | B16 | Swoofee | | |
| A17 | Northern Automation Ltd | F28E | Safety Solutions NI | | |
| A06 | Northern Ireland Federation Housing of Associations | G08 | SANDERSON | | |
| C26 | Optel Group | F17 | Southern Regional College (SRC) | | |
| F29C | OASIS – Information Secured | G14 | The Scaffolding Association | | |
| F29D | OEESystems International | F10 | stacked | | |
| C18 | Open Mind Technologies UK | D28 | Schoeller Allibert | | |
| D33/D34 | Prolift Handling Ltd | G03 | Sentireal | | |
| B20 | POLAR ICE Ltd | C32 | Southeastern Regional College | | |
| E19 | Pentagon Solutions | C14 | Solid Solutions | | |
| D12 | Polymer Processing Research Centre (PPRC) | E03 | South West College | | |
| B12 | Peli UK Group | B04 | Snickers Workwear | | |
| B08 | Positive Solutions | G07 | Supply Chain Simplified | | |
| F26 | Provincial Marketing for NI | D16 | SCHUNK Intec Ltd. | | |
| | | C29 | Transfermate Ireland | | |
| | | B09 | TCTS Group Ltd | | |
| | | D24 | Texam Limited | | |

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Declan Troy
Assistant Director of Research -
Teagasc

Declan Troy is the Assistant Director of Research, Teagasc, the Irish Agriculture and Food Development Authority with special responsibility for science based knowledge transfer to the food sector. He is a Chartered Chemist of the Royal Society of Chemistry and completed his post graduate studies at University College Dublin in 1986. Later Troy became Head of the Meat Science Department in The National Food Centre, Dublin. During this time he has published over 100 scientific peer reviewed publications, book chapters and scientific articles, mainly in the area of food quality.



Derek Thompson
Director
Gluten Free Ireland Ltd.

My wife is Coeliac and we run our website to act as a link between the Coeliac community in the island of Ireland and any business providing Gluten Free food. We also run the occasional Gluten Free food fairs in Northern Ireland and serve on the judging panel for the annual Irish Free From Food Awards.



Dermot Brabazon
Director - Advanced Processing
Technology Research Centre at DCU

Prof. Dermot Brabazon is Director of the Advanced Processing Technology Research Centre at DCU and Deputy-Director of I-Form, the national SFI research centre focused on the development of Advanced Manufacturing technologies.



Dermot Connolly
Head of Global Business Development
Exertis Supply Chain Services

Dermot joined Exertis Supply Chain Services in May 2015. He has 16 years Global Supply Chain experience, having worked in the USA, China and Europe across multiple industries.



Doireann Barrett
Founder and Owner
The Gluten Free Kitchen Company

After a lifetime of symptoms, Doireann was finally diagnosed in 2004 with Coeliac Disease, a serious auto immune disease. Immediately she saw a gap in the market with the Café/Deli offering & began her journey to develop The Gluten Free Kitchen Company, Food & Wellness Brand.



Donal Harrington
Director of Life Sciences
IPT Ltd

As IPT's Life Science Director, Donal works with IPT's pharmaceutical and medical device customers

to deliver the best technical solutions for their requirements, including packaging equipment, packaging inspection equipment, micro automation and dispensing equipment, and serialisation equipment.



Edward Quigg
Director
Quigg Golden Ltd

Edward is a recognised expert in procurement and construction law. He regularly advises public sector clients on procurement procedures including the compliant drafting of tender documentation and the appropriate evaluation of tenders in accordance with stated criteria.



Eddy Kerr
Group Operations Manager
Hutchinson Care Homes

Former two term chairman of IHCP and Group Operations Manager for Hutchinson Care Homes. 30 years' experience in care sector management and a history of lobbying and informing political leaders and working with key strategists to deliver effective services.



Elizabeth O'Riordan
Founder
Real Food Ireland

Elizabeth O'Riordan owner founder Real food ireland. Elizabeth is a holistic nutritionist based in Dublin where she runs her own clinic, Real Food Ireland. She is passionate about helping others find healing through nutrition and an overall healthy lifestyle.



Dr Ernest Lau
Cardiologist
Belfast Health & Social Care Trust

Dr Ernest Lau is a cardiologist specialising in the diagnosis and treatment of heart rhythm disorders. Apart from medical work in both the public and private sectors, Dr Lau also has an active interest in research and education.



Dr Farid Arya
Lecturer in Mechanical Engineering
Ulster University

on Thermal Insulation Materials for Energy Efficient Buildings and Solar Energy Systems. He completed his PhD in Energy Systems, and did his postgraduate and undergraduate in Solid State Physics.



Findhan Strain
Director
Comeragh Composites

I provide manufacturing & consultancy solutions for high value composites and polymers. I've successfully delivered an extensive project portfolio

in part manufacturing, process selection, design for manufacturing, process optimisation, factory set-up and many other areas.



Gareth Hetherington Director of the
Ulster University Economic Policy
Centre - Ulster University

Gareth has almost 20 years' experience in managing the delivery of a wide range of economic policy projects in both central and local government. These projects have included programme and policy evaluation, business cases and economic impact assessments.



Gavan Duffy
Autodesk Technical Consultant
Diatec

Gavan Duffy is an Autodesk Technical Consultant and has over 20 years of experience in working with Autodesk products both in industry and as an advisor. His current role at Diatec involves working with clients to implement BIM on projects, identify objectives and develop a BIM strategy to suit.



Gary McFarlane - Director for Northern
Ireland - Chartered Institute of
Environmental Health



Gavin McGuire
NI Director
FMB

Gavin McGuire serves as NI Director of FMB, the largest Construction Federation in the UK. Representing 1000'S of SME builders, FMB has a strong passion to see improved standards within the Industry.



George Harold
CEO
Integrated Facilities Solutions

George Harold is CEO and co-founder of Integrated Facilities Solutions Ltd. IFS are leading specialists in managing digital building information for the asset lifecycle.



Gillian Anderson
Deputy Agent for Northern Ireland
Bank of England

Gillian joined the Bank when the Northern Ireland Agency was established in 1999, taking up her current role as Deputy Agent for Northern Ireland in 2010. Prior to joining the Bank, Gillian worked in the insurance industry.



Graeme Weir
Membership Adviser
The Federation of Small Businesses

After a very successful retail career running my own filling station I have spent the last thirteen years helping members of fsb get the most out of their member services. Business owners need more support than ever before.



Hannah Rudman
Strategic Transformation Director
Wallet Services

Dr Hannah Rudman FBCS FRSA is a highly experienced IT and Digital Transformation Professional with blockchain and distributed ledger technologies expertise. Hannah is Strategic Transformation Director at Wallet.Services, supporting public and private sector enterprises to build business and operational models and value with DLT.



Harshad Mengle
Director Cyber Security
Capgemini

Harshad is Director Cyber Security with Sogeti Ireland, has more than 17 years of experience in IT & OT Security. He has worked in various domains which includes Banking and Finance, Manufacturing and Security Consulting. He has implemented enterprise security solutions to detect Advanced Threat, Assess OT environment for continuous Vulnerability Monitoring, Secure remote access and Network segmentation. He has hands on experience in OT security consulting and control implementation.



Howard Knott
Logistics Consultant
Irish Exporters Association

Howard is a Fellow of the Chartered Institute of Logistics and Transport. His career has spanned the worlds of freight Forwarding and Shipping Line management.



Ian Beckett
Chief Executive Officer
Eirtight Technology Ltd.

Ian has extensive experience of profitably transforming global and domestic multinational companies. In Gateway Computers he managed all functions between marketing and manufacturing in Europe and Asia and he managed IT in 10 telecom operations globally including Meteor Ireland.



Ian Walls
Portfolio Development Executive
Siemens Industry Software, Kaizen PLM

Ian Walls is a Portfolio Development executive

with Siemens Industry Software. His primary focus is the area of Digital Manufacturing, including: manufacturing process planning; plant design, simulation and optimization; CAM; and Additive Manufacturing.



John Savage
CTO
ActionPoint

John Savage is CTO of ActionPoint and has been working in the Software Development industry for over 15 years. He has led the rapid growth of the ActionPoint team of custom software developers. John leads the vision and architecture of IoT-PREDICT, in partnership with Microsoft and Dell, that aims to be the cornerstone of an Enterprise's IoT Strategy.



Jane O'Keeffe
Lecturer and Course Director - Cork
Institute of Technology

Jane is the Logistics and Supply Chain course Director, and lecturer at the National Maritime College of Ireland (NMCI)(CIT) in Supply Management, Logistics, Information Systems, Business Strategy and Human Resource Management for both logistics and maritime sectors. With more than 20 years of industry experience, in electronics, pharmaceuticals and public sector, encompassing all aspects of Supply Chain and Business Management. Jane is a Fellow, past president, council and graduate member of the Irish Institute of Purchasing and Materials Management (IIPMM).



Dr James Crawford - Director &
Technical Expert - SAP Startup
Accelerator for Digital Supply Chain

James is a technologist enabling Digital Enterprises, by supporting innovation in Cloud Technologies, the Internet of Things, Digital Workflows and, Real-Time Analytics. Currently focusing on smart technologies in the Digital Supply Chain and, Digital Manufacturing domains, he facilitates SAP customers' digital vision by identifying, engaging with and supporting innovation with partners.



John McLaughlin
Managing Director
De-Skill Business Solutions

An engineer with more than 30 years' experience, John previously acted as Managing Director and Group board member for the Wrightbus, the manufacturer of the New Bus for London in Northern Ireland, prior to this he was General Manager for AVX/Kyocera and responsible for running high volume operations across Northern Ireland and Czech Republic, covering R&D, manufacturing and engineering.



John Johnson
Vice President
NSF International, Pharma Biotech

John is passionate about helping organizations foresee and overcome the barriers to sustainable long-term growth. He brings 28 years' experience across a range of companies in the pharmaceutical and healthcare industry.



Jonathan Askin
Commercial Partner
BLM

Jonathan Askin is a Commercial Partner at BLM and has a wide range of experience advising clients across numerous sectors such as manufacturing, construction, transportation and healthcare.



Jonathan Eves
Director
Eco-nomic Innovations Ltd

Jonathan is the co-founder of Eco-nomic Innovations Ltd, and holds patents for his inventions in mining and energy. His mining invention SpecSep™ has been manufactured in South Korea for a South African multinational. The EcoDry invention recovers the latent heat in the earth's atmosphere for the heating the built environment.



Joe Keating
Chief Data Officer
Glantus

Joe is a thought leader in the digital transformation space and has led change initiatives for some of the largest and most successful organisations in the world. At Glantus, Joe drives the Data and Innovation elements of the Glantus Software Platform which enables organisations to put Data and Automation to work within business.



Joe Maddy
Managing Director - Digital
Construction Technologies Group

Joseph Maddy is the Managing Director of the Digital Construction Technologies Group. Joseph is a member of the CIF 4.0 Committee, a member of the NSAI Technical Committee on Building Information Modelling, and a member of the CiTA BIM Eastern Region Steering Committee.



John McAuley
Managing Director CEI
Compliance Engineering Ireland

John McAuley established Compliance Engineering Ireland Ltd on secondment from Enterprise Ireland in 1997 and has over thirty years' experience in electronic design and testing. CEI is the only accredited electrical test laboratory in Ireland, North or South.



John Mee
SCM Excellence and Business Analytics
Manager - Glanbia

John is responsible within Glanbia Ireland for Supply Chain Excellence and Business Analytics. Previous senior positions held in Glanbia include Head of Supply Chain and Information Systems and of Business Performance Improvements.



John Oliver - Business Development
Manager - I-Form Advanced
Manufacturing SFI Research Centre

John has over 20 years experience as a strategy and innovation leader in the printing industry. He has worked as R&D strategist and chief engineer in HP's inkjet printing business, for which he has six granted patents.



John Walshe
Business Development Associate
Ward Automation

John Walshe works in Business Development with Ward Automation, a high-quality developer and manufacturer of assembly machines, filling machines, test equipment and special purpose equipment.



John Savage
CTO
ActionPoint

John Savage is CTO of ActionPoint and has been working in the Software Development industry for over 15 years. He has led the rapid growth of the ActionPoint team of custom software developers. John lead the vision and architecture of IoT-PREDICT, in partnership with Microsoft and Dell, that aims to be the cornerstone of an Enterprise's IoT Strategy.



Judith Bentley
Professional Development Manager - The
Chartered Institute of Logistics and Transport

I have worked for CILT for over 10 years within the training and development department. Having a thorough understanding of the products and services that CILT offer I will provide a clear 'cradle to retirement' progression story to all those wishing to enhance their career opportunities and businesses who want to enhance their marketability in a fast changing environment.



James Flanagan
Associate
Arthur Cox

Solicitor specialising in public procurement and non-contentious/contentious construction-related matters with extensive experience in large infrastructure projects within Northern Ireland.



Jon Bryan
Professor
Bridgewater State University

Dr. Jon Bryan is a Professor in the College of Business at Bridgewater State University. His business interests include the founding of several U.S. regional airlines and a renewable energy company.



Joe Reid - Transatlantic & Charter
Network Development Manager
Panalpina World Transpor

25 years of experience in air cargo sales and operations management with a deep understanding of the industry. Innovative solutions and a tenacious sales approach has resulted in numerous important contract wins for Panalpina – who are the number 4 operator globally in the air freight market.



Dr John Bustard
Director of Qlab
Queen's University

Dr John Bustard is the Director of Qlab at Queen's university. Qlab is located within the school of Electronics, Electrical Engineering and Computer Science.



John Brophy
Managing Director
Carrig Solutions

John Brophy is an experienced professional with extensive experience working with global IT companies and for the last 10 years running his own award-winning Solutions company. He is one of the very few people in Ireland certified as a DevOps Leader and has worked with companies, large and small, delivering innovative solutions.



Dr Justin Quinn - Senior Lecturer &
Director of the Centre for Engineering &
Renewable Energy - Ulster University

The presentation will touch on how an effective installation of a Managed Print Solution can lower a Company's carbon footprint and ensure GDPR compliance using Data Security tools.



James McCorley
Managing Director
Arbarr Electronics Ltd

James has over 40 years of experience in the electronics industry and set up Arbarr in 1989, a design & manufacturing house supplying electronics

manufacturing solutions to a broad customer base. In recent years the company has expanded its business activities to develop smart energy storage systems.



Jim Windsor
Business Development Executive
Randex Testing Services

Since moving to Northern Ireland in 2018, I have been working for Randox Testing Services. Mainly as a Business Development Manager, trainer and working with clients in policy review. My background is within both the automotive and precision engineering industries in Sales and Business Development.



Joe Herbert
Project Manager & Business
Development - Solmatrix

I am a Business minded Engineer specialising in realising opportunities in the market for renewable technologies, bringing them to potential clients and getting them designed, procured, priced and finally installed.



Kathy Sinclair
Director - Juris Resolution

A Northern Ireland solicitor of over 30 years' experience, an ACAS accredited mediator since 2010 and one of the first in Ireland to write and deliver a university course in Alternative Dispute Resolution (ADR), Kathy has a broad and successful background in the law.



Ken Nelson
Chief Executive of Local Economic
Development Company - LEDCOM

Ken has wide ranging experience in economic development, business incubation, social entrepreneurship and small business growth developed over 23 years' experience, including Chair of ENI and InterTradeIreland, board member of Invest Northern Ireland.



Kenny Galloway
Business Relations Manager
Randex Health

enny Galloway, business relations manager (and self-professed health geek) for Randox Health, a health and wellbeing company part of Randox, who are global giants in healthcare diagnostics.



Larisa Kryachkova
Operations Director
Encirc 360

A multilingual (Russian, English, French, Hungarian) seasoned European executive , experienced in

different operational positions, in the US and Europe, with CPA, MBA, DBA candidate. Extensive knowledge and experience in acquisitions, change management, operations and integration.



Dr Leslie Orr
Director
ADS Northern Ireland

Leslie Orr is the Director of ADS in Northern Ireland. ADS is the national trade organisation advancing the UK Aerospace, Defence, Security and Space industries. ADS has over 1100 Member companies.



Liam Lewis
Technology Gateway Centre Manager
CAPPA group, CIT

Dr. Liam Lewis received his PhD in 2003 from the Tyndall National Institute (then NMRC). This work involved studying the characteristics of metal contacts to Gallium Nitride (GaN) based visible Light Emitting Diodes collaborating with the GaN growth group of Cambridge University in the UK.



Lorraine Marks
Acting Head of KTP
Queens University Belfast

Lorraine Marks is the Acting Head of KTP in Queen's University Belfast and current Chair of the KTP National Forum. Queen's University Belfast has been participating in Knowledge Transfer Partnerships for over 25 years.



Marco Herbst
Founder
Evercam Construction Cameras

Founder of Evercam Construction Cameras. He is also a Founder & Current Board Member of Camba. tv - Security Systems Integrator and Komply - GDPR Services for CCTV.



Mark Gilligan
Business Development - Audit Comply

Mark Gilligan will present a presentation on the importance of streamlining and automating risk management and quality initiatives in the Manufacturing and Engineering sectors.



Marcin Kulik
CEO
Erivato

CEO of EIRAVATO, Marcin Kulik, is a prominent, award winning technologist with significant expertise across AI, Expert Systems, Business Management and Circular Economy.



Mark Dohnalek
President & CEO
Pivot International

Mark Dohnalek, President & CEO of Pivot International, a US-based global product development and manufacturing firm with operations in Glasgow, London, Taiwan, Manila and China.



Martin Blake
Mediation Profile
Juris Resolution

A California attorney and former barrister with over 40 years' litigation experience, Martin has been involved in approximately 100 mediations. He has completed basic, advanced and professional mediation training and was selected to work with the leading private mediation and arbitration service in the U.S.A.



Michael Bell
CEO - Northern Ireland
Food & Drink Association

Michael has over twenty-nine years experience in the food industry. He worked in the bakery trade in Northern Ireland and Malta for fourteen years. During this period he worked closely with major retailers and obtained a place on the senior management board of Ormeau Bakery.



Michael Farrell
Director
PKF-FPM Accountants Limited

Michael Farrell, Director within PKF-FPM Accountants Limited and Fellow of Chartered Accountants Ireland leads PKF-FPM's Brexit Centre of Excellence.



Michael Guilfoyle
Independent financial adviser
Fairstone NI

Michael is an experienced Financial Planner who specialises in providing expert advice for Mid-Career Doctors, GPs and Hospital Consultants planning for or already in retirement. He has a clear understanding of the health sector and can suggest what actions you will need to adopt, in order to provide for the future, you desire.



Michael Gerner
Principal Director
Precise Proposals

Michael Gerner is Principal Director of Precise Proposals Ltd, an independent bids and tenders consultancy based in NI and delivering highly successful tenders for local and export business. Michael has worked in procurement for 20 years, successfully managing tenders and proposals of up to 250 million pounds.



Mike Higgins
Managing Consultant
Circularwise

Mike champions the Circular Economy concept in terms of it enabling organisations to reduce supply chain costs, gain market advantage and achieve sustainability excellence in recovering optimal operational and financial values from used products and associated waste streams.



Mike McGrath
Managing Director
Arvo

Mike McGrath is Managing Director of Arvo, a Procurement Consultancy which helps organisations to achieve procurement objectives, business efficiencies and commercial savings.



Mike McGurn
Lead Strength and Conditioning Coach
Queens University Belfast

International Strength and Conditioning Coach Mike McGurn has the prestigious honour of training three National Senior Irish Teams in different codes and winning two World Titles in two different sports.



Dr. Myles Sweeney
Director - Organization Development
Tools Institute (ODTI)

In 1995, Myles Sweeney BA (Psychol.), Dip. (Mgt.), MBS (Finance), Ph.D (Business/Economic Psychology), moved from Lecturing to Consultancy and has since delivered all types of Change-Management/Organization-Development interventions. His maturity modelling addresses all levels of socio-economic system, and he has led Cultural/Heritage/Regional-Regenerative initiatives flagged by e.g., the N5 Gallowglass Warrior statue.



Michael Spratt
Principal GDPR Consultant
Digitort

Michael 's 25 years consulting experience, has spanned the globe with blue chip firms across industries from Telecommunications to Big Data and Entertainment. Michael has a BE from UCD, an MBA from Strathclyde, is a Chartered Engineer and is completing his studies in Data Protection law at the King's Inns.



Marion Murphy
Managing Director
Mallon Technology

Marion has been with Mallon Technology for over 20 years during which she has been instrumental in growing the company from a small business to one of the largest GIS service providers in Ireland, helping to successfully deliver GIS & Remote Sensing projects for a wide range of clients.



Michael Smith
Brexit Specialist - NSAI

Michael Smith joined the National Standards Authority of Ireland (NSAI) as a Brexit Specialist when the Brexit Unit was established in September 2018. Prior to joining the NSAI, he worked in the Department of Health where he represented the Department on the Government Task Force for Emergency Planning and the National Emergency Coordination Group. He was a member of both the EU Health Security Committee and the Management Board of the European Centre for Disease Prevention and Control and was involved in their preparations for Brexit.



Dr. Myles Sweeney
Director - Organization Development Tools Institute (ODTI)

In 1995, Myles Sweeney BA (Psychol.), Dip. (Mgt.), MBS (Finance), Ph.D (Business/Economic Psychology), moved from Lecturing to Consultancy and has since delivered all types of Change-Management/Organization-Development interventions. His maturity modelling addresses all levels of socio-economic system, and he has led Cultural/Heritage/Regional-Regenerative initiatives flagged by e.g., the N5 Gallowglass Warrior statue.



Máirtín Ó Muilleoir
Sinn Féin MLA
Sinn Féin

Máirtín Ó Muilleoir is the Sinn Féin MLA for South Belfast and the party's Northern spokesperson on Brexit. He previously served as Mayor of Belfast and was the Minister of Finance at the time of the collapse of the Stormont Executive. Ó Muilleoir has media businesses in Belfast and New York. His Twitter account is @newbelfast.



Michelle Harbinson
Head of Business Acquisitions
First Trust Bank

Responsible for all new business acquisitions to First Trust Bank, Michelle Harbinson helps meet the complex and ever changing needs of some of Northern Ireland's most ambitious and successful businesses. Michelle joined First Trust Bank thirty years ago, and in that time she has worked across Retail Mortgage and Business Banking.



Noel Thompson
News Journalist
BBC Northern Ireland



Nigel Davison
Director
Concrete Preservation Technologies Ltd

Nigel has been a director at CPT for 13 years,

involved in the development and application of innovative corrosion protection solutions for concrete and steel framed structures. He worked in the R + D department at Forsoc UK Ltd for 8 years developing concrete repair materials and electrochemical protection. He has a PhD in physical chemistry. He has over 30 patents.



Natasha Gordon
Lead R & D scientist
airmid healthgroup

Natasha is the lead research and development scientist at airmid healthgroup. She graduated from the University of Auckland, NZ with a PhD in molecular medicine before taking up a research fellowship at the University of Maynooth, Ireland. Natasha joined the airmid healthgroup team in 2011.



Neil McLoughlin
Technology Transfer Manager
Dundalk Institute of Technology

Technology Transfer Manager at Dundalk Institute of Technology (DkIT) has an MBA from the University of Ulster, Diploma in Intellectual Property Law (Law Soc.), Diploma in Business Studies (DkIT) and a B. Sc. Eng. from Trinity College Dublin.



Nick Rowe
Management Consultant
Lean Six Sigma Solutions

Founder of Lean Six Sigma Solutions management consulting focused on helping companies achieve sustainable continuous improvement. After qualifying as an engineer from QUB, Nick joined Ford Motor Company (UK/Germany) to work in New Product Development.



Norman Apsley
Chairman of Local Economic Development Company - Ledcom

After considerable experience in applied science and engineering, Norman became founding CEO of Catalyst Inc in 2000. He joined LEDCOM in anticipation of his retirement, becoming Chairman in 2018.



Oonagh McArdle
EMEAI Sustainability Leader
Dow

Oonagh McArdle is the Europe, Middle East, Africa and India (EMEAI) Sustainability Leader within the Corporate EH&S and Sustainability function in Dow. Oonagh has responsibility of leading the integration of sustainability into the business unit strategies across the region and is the Global Leader for End-To-End (E2E) Transparency.



Pat King
CEO
One Look Systems

Pat King and Brendan Griffin founded OneLook Systems in 2008. The idea to start the company was born after both Pat and Brendan noticed there was often a line outside the facilities managers office of the pharma company where they worked.



Paul Collins
Managing Director
DesignPro Automation

Paul Collins is the Managing Director of DesignPro Automation, one of Ireland's leading providers of robotics, precision automation and machine build services. His particular strengths include identifying and exploiting new market and industry opportunities, along with an impressive knowledge of innovative, forefront technologies and processes.



Paul Flanagan
Managing Director
Camfil Ireland Ltd

25 years' experience in the HVAC filtration industry, with a major focus on the Pharma, Medical Devices, Food & Beverage & Healthcare Sectors.



Paul Madden
Director
Centre for Competitiveness

Paul has extensive experience of managing advanced technology projects on a regional, national and international basis. He was a consultant to the European Commission on their strategic research programmes and was General Manager in Northern Ireland for the civil aerospace business unit of Rolls-Royce.



Paula Thornton - Pension Consultant & Business Development Manager
CIF Pension Administration Services

Paula Thornton has over 30 years' experience working in pensions both in Ireland and the UK. She is currently Pension Consultant/Business Development Manager for CIF Pension Administration Services (CPAS), a company she joined in 2000.



Patrick Connolly
Partner
BLM

Paddy is a partner at BLM and has extensive experience advising clients across numerous sectors such as manufacturing, construction, retail, and services.



Patrick MacCormack
Practitioner - MCIWM International
Synergies NI Ltd

Patrick MacCormack is a Practitioner with International Synergies delivering the industrial symbiosis service to businesses across Northern Ireland. He has many years' experience across varied engineering disciplines and brings expertise in data analysis, project management, environmental management and quality systems. Chartered Member of the Institution of Wastes Management (MCIWM).



Patrick Davis
Director
Pat Davis Consulting

Pat Davis has +30 years' experience in public sector IT solutions development, procurement and delivery, with the last 15 years focussed in the Health and Social Care sector. Now through his private consultancy, Pat Davis Consulting Ltd., his significant knowledge base is available to the wider business community.



Dr Peter Watters
Mechanical Engineer

Peter is a chartered mechanical engineer with extensive development experience of high-pressure and cryogenic liquid gas systems.



Philip Cooper
Business Development Manager
Pharma - Heuft

Phil Cooper has spent his entire career in product manufacturing starting in the food and beverage sectors and more recently in the pharmaceutical sector, first as an engineer with Brooke Bond and Kraft Foods then in both technical and commercial roles with some well respected and well known companies.



Philip Murdoch
Managing Director
Envision Intelligent Solutions

Philip established Envision Intelligent Solutions in 2011 after 15 years in Multi nationals, the company was created to offer new security technologies with a human interface and bespoke system design.



Peter Brady
CFO
Invoice Fair

Peter Brady CFO a Chartered accountant with over 25 years experience in building and leading successful business both domestically and on the international stage.



Peter Grant - FUSION Programme
Director - FUSION Innovation
Programme C/O InterTrade Ireland

Peter Grant is the Programme Director for InterTradeIreland's FUSION Programme. Peter is a Chemical Engineer by background with 18 years experience managing public sector funded, innovation programmes in Ireland and the UK.



Dr Peter Fearon
Chief Technology Officer - Innovation
Action

Dr Fearon is the CTO at Innovation Action who focus on accelerating international trade through disruptive innovation. He is currently engaged in strategic partnerships in China, Africa and Central Asia.



Ramesh Raghavendra - SEAM Centre
Director & CEO of 3D WIT SEAM Centre
& 3D Waterford Institute of Ireland

Ramesh has 30 years of Materials Research Experience in both industrial and academic environment, with over 70 peer reviewed publications and two patents to its credit.



Richard Jeffers
Technical Director
Northern Europe RS Components

Richard Jeffers is a chartered mechanical engineer, Fellow of the Institute of Mechanical Engineers and a Member of the Association of Project Managers. The first 20 years of his career was spent in operational and engineering management, predominately with Scottish and Newcastle / Heineken.



Robert Candy
Chief Executive Officer
The Scaffolding Association

Robert founded the Association in 2011 to raise the profile and professionalism of scaffolding within the Construction Industry. He has worked as a Health and Safety consultant, CDM Co-ordinator and Temporary Works Co-ordinator for a range of clients including multi-national companies, local authorities and UK charities for over 15 years.



Roger Onions
Business Development Director - GTMA

Roger has been involved in the manufacturing industry for most of his working life, initially with his own company supplying CAD CAM software to all sectors of manufacturing.



Rory O'Mahony
Corrugated Packaging Sales Manager
Smurfit Kappa

I joined Smurfit Kappa in 1997 after Graduating from Queens University Belfast. I started my Smurfit Kappa life as a Quality Technician in the Lurgan plant before moving to Quality Manager in 2002 then on to Sales Manager in 2007 & finally General Manager in 2015. After 3 years as GM of SK Lurgan I've moved to the new role as Sales Manager for SK Ireland in 2018.



Rolf Lissek
CEO - German-Irish Chamber
of Industry & Commerce

He was appointed Chief Executive Officer of the German-Irish Chamber of Industry and Commerce in 1999. He holds a number of directorships and is the Chairman of the European Chamber of Commerce in Ireland.



Ronan Staunton
Global Marketing Director - DANONE
Groupe

As Global Marketing Director for Danone, Ronan is based in The Netherlands but works extensively across Europe, China and The Middle East.



Rosarii Mannion
National Director Human Resources
HSE



Ross Campbell
Founder and CEO - Cyber Colloids

Ross Campbell has a joint honours degree in Chemistry and Management Science from Stirling University. Ross has worked for a number of different companies in various roles, including Dow Corning, 3M, Courtaulds all involving polymers for many industrial applications.



Roisin McLaughlin
Gas Manager Transmission
Utility Regulator



Richard Doyle
Senior Consultant
Lean Ireland

As a consultant, Richard adds value in the areas of strategic planning, R&D roadmap development, site level capital management and capital strategy skills, equipment installation, commissioning and production release, and productivity improvement (overall equipment effectiveness (OEE), total productive maintenance (TPM) and quick changeover (SMED))



Robert Dunne
CEO
GlycoSeLect Ltd

Robert is an experienced pharmaceutical industry professional with a chemistry degree and an MBA. He has worked in scientific and business development functions during his career leading successful international project teams. Robert is using this experience to direct the commercialisation of innovative technology which improves biopharmaceutical product development and manufacturing.



Seamus McDaid
Business Development Manager
McDaid's Beverages USA

Based in New York City, Seamus is the fourth generation of the McDaid's Family to work in their drinks business spearheaded by the brand Football Special. In 2014 he established their brand presence in the United States, initially by importing the product and now by using a selected co-packer.



Seamus Leheny
Policy Manager
Freight Transport Association

I am currently the Policy Manager for Northern Ireland tasked with updating and advising local industry on compliance and best practice matters as well as engaging with local and national Government on matters ranging from infrastructure, skills and Brexit.



Seán McLoone
Professor
Queen's University Belfast

Professor Seán McLoone is Director of the Centre for Intelligent Autonomous Manufacturing Systems (i-AMS), a multidisciplinary research centre at Queen's addressing the challenges of Industry 4.0.



Sinéad Proos
Senior Innovation and
Commercialisation Manager - UCD

Sinéad's international experience spans FMCG, Infant Nutrition & Health Ingredients Industries whereby she has held Global positions at NUMICO, DANONE, Early Life Nutrition (Netherlands) and Senior Management positions at Procter & Gamble (UK), SKIM decision behaviour experts (Netherlands) and most recently at Food for Health Ireland.



Stephen Collins
Senior Research Fellow – Blockchain
Cork Institute of Technology

Stephen has founded several IT companies in telecoms, education and news media. Using his

vast experience, Stephen now works closely with businesses both nationally and internationally to lead the charge for Blockchain innovation within Industry.



Dr Stephen Farry
Deputy Leader
Alliance Party

Dr Stephen Farry is the Alliance Party Deputy Leader & Brexit Spokesperson. An MLA since 2007, he was also Minister for Employment & Learning from 2011-2016.



Stephen McComb
Knowledge Transfer Adviser - Innovate
UK Knowledge Transfer Network Limited

As a Knowledge Transfer Advisor for the KTN, Stephen is working across industry and government in Northern Ireland to grow businesses and improve productivity.



Steven Webb - Corporate Development
Manager - The Chartered Institute of
Logistics & Transport

Steve Webb is Corporate Development Manager at The Chartered Institute of Logistics and Transport (CILT(UK)) the only organisation that supports professionals working in logistics and transport, on land, sea, in the air and across all sectors.



Stephanie Graham
Lecturer in Management
Queen's University Belfast

My research focuses on understanding the link between the implementation of environmental practices within companies and their broader supply chains. I am currently leading a UK-based project seeking to understand more about what this implementation looks like and whether there are any particular keys to success.



Dr Thakur Raghu Raj Singh
Director, Co-founder and Technical
Officer - Re-Vana Therapeutics Ltd

Dr Thakur's research interests lie in the design and physicochemical characterisation of advanced polymeric drug delivery systems for ocular applications.



Thomas McGauran - PhD Researcher in
Mechanical & Aerospace Engineering -
Queen's University Belfast

Thomas McGauran is a final year PhD student in the School of Mechanical & Aerospace Engineering in Queen's University Belfast. His PhD research involves incorporating waste streams derived in the poultry industry into polymer fillers and the development of polymer precursors.



Tiernan Quinn
Managing Director
Capcon Premier Service Solutions

Tiernan Quinn is the Managing Director of Capcon Premier Service Solutions a company who are a specialist logistics and materials handling supplier who have been helping Centralised Distribution Operations, Big Name Retailers and Dairy's stay compliant with Health and Safety requirements, streamline their operations and stay efficient in an ever changing marketplace.



Tim Kernohan
Sales Manager
Solid Solutions

Tim Kernohan CEng is a previous Head of Engineering at a Tech Track 100 fastest growing private company. Now applying the skills and experience gained to support businesses with Solid Solutions, the UK & Ireland's largest SOLIDWORKS provider, delivering software solutions to accelerate design and manufacture



Tim McGloughlin
Professor
University of Limerick

Since my appointment as a Lecturer in the Department of Mechanical, Aeronautical and Biomedical Engineering (MABE) in 1991 I was promoted to Senior Lecturer (2002), Associate Professor (2007) and Personal Chair (2012).



Tom Buller
Digital Development Supervisor
Connected Technology - Rentokil

Tom began working at Rentokil almost 4 years ago and has taken on a variety of technical, training, and management roles. He now head the connected pest control systems for Rentokil across the UK. Managing the systems, training and supporting staff, and launching new technology.



Tom Marren
CEO
CES Energy

Tom has over 27 years' experience in the energy sector having founded numerous energy companies throughout the world. Tom is a highly respected energy advisor and has acted in this role for many large international companies.



Tom Moloney
Managing Director
Construction Information Services

Tom Moloney is the Managing Director of Construction Information Services. The company has been the lead provider of project information for Ireland for over 43

years. Since acquiring the company in 2002, Tom has taken the company from the traditional medium of the printed CIS Report to the provision of a real-time online information system, which is continuously enhanced using the latest available technology.



Tom Verner
Founder and Group Managing Director
The Momentum Group

Tom Verner is the Founder and Group Managing Director of multi-award-winning The Momentum Group, specialist R&D Tax Credit Advisory firm. He established the company in 2009 and since then has helped businesses identify qualifying R&D activities and expenditure to achieve successful claims from HMRC.



Tom Woolley
Architect & Educational Consultant -
Rachel Bevan Architects

Tom Woolley B.Arch, PhD is an architect and environmental researcher living in County Down Northern Ireland. He is internationally known for his work on sustainable architecture and construction.



Tony Joyce
Engineering Director
mac Group

Tony is Engineering Director at mac Group – a leading construction and fitout contractor based in Ireland and UK. Tony has over 30 years experience in the design and construction of major building projects across Europe, the Middle East and North Africa.



Theodore Wasserberg
SAP Ariba - Account Executive
UKI - SAP

Theo is a Dublin based account executive working with SAP Ariba, a best in class P2P solution. Having come from initially a start-up background and then a consulting background Theo brings a wide view of the business and how technology can be leveraged to drive improvement



Vivek V. Ranade
Professor of Chemical Engineering
Queen's University Belfast

Vivek Ranade is a Professor of Chemical Engineering at the School of Chemistry and Chemical Engineering of Queen's University Belfast. His research focus is on developing insights, innovations & intensified solutions for sustainable energy, water and chemicals. He uses computational flow modelling, hydrodynamic cavitation and MAGIC (modular, agile, intensified & continuous) processes to achieve this.



Yvonne McNally
Associate
Cundall

Yvonne joined Cundall in 2015 to lead our Belfast office. She has over 18 years of experience in building services engineering. She is a member of Cundall's UK and Irish Regional Management Board.



William Bradley
Technical Engineer
PGR Advisory Ltd

William is a Manufacturing Engineer with 25 years' experience working with both local, national and global manufacturing companies. With specialism and passion for robotic automation his knowledge and expertise put him at the forefront of this field. His time with the NITC saw him work and lead on cutting edge projects in the use of robotics in industry.



William Brown
Associate
Quigg Golden Ltd

William is a qualified civil engineer who now specialises in construction law, procurement and dispute resolution. He is an expert in NEC contracts and is regularly invited to deliver contract management and administration training to a range of public and private sector bodies.



Willie Donaghy
Manager
Blackbourne Energy Solutions

Willie has been active in energy sector locally for some years having been Executive Director of SmartGridIreland and also undertaken consultancy projects in smart energy feasibility studies, intelligent buildings and renewable energy storage.



Dr Yan Jin - Chartered engineer - School
of Mechanical & Aerospace Engineering,
Queen's University Belfast

Dr Jin is a chartered engineer, Marie Skłodowska-Curie fellow, chair of robotics committee of IFToMM UK, TC member of UK-RAS network. His research interest is in robot automation and intelligent manufacturing. He has received over 2million funding from research councils and industrial enterprises. His research outcomes have created significant impact to industry. He had previously worked in the Department of Finance, Department of Public Enterprise and the Department of Social Welfare

BELFAST

NORTHERN IRELAND MANUFACTURING & SUPPLY CHAIN

CONFERENCE & EXHIBITION

Titanic Exhibition Centre, Belfast, 26th Feb 2020



Creating an Innovative Manufacturing & Supply Chain Eco-System

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The conference will be of interest to senior management, established practicing engineers and researchers together with those that are much earlier in their careers.



KEY TOPICS INCLUDED:

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- Gain industry insights to help their business plan
- Share good practice and learn from each other's experience
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The event will be divided into a number of bespoke categories. **A selection of the events is listed below:**



www.northernirelandmanufacturing.co.uk

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F22

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Tel: 028 93 329148

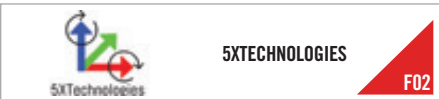


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Eamon Galavan, Business Development
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Mark Tracey, Commercial Director
mark@ace-express.com
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Email: automationsales@atc.ie
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DUBLIN | BELFAST | MILTON KEYNES



Join us at the 2019 National Manufacturing & Supply Chain Expo in the Arena MK, Milton Keynes on the 25th of June to hear from an impressive line-up of manufacturing leaders, academics and government agencies who will engage in a stimulating blend of key note addresses and debates.

www.manufacturingevent.co.uk

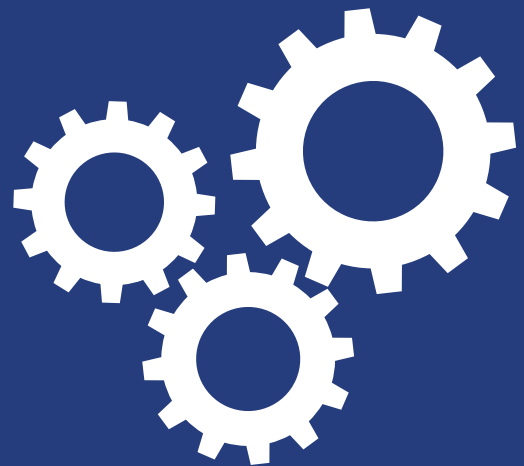
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DUBLIN

NATIONAL MANUFACTURING & SUPPLY CHAIN

CONFERENCE & EXHIBITION

CITYWEST, 29TH & 30TH JANUARY 2020

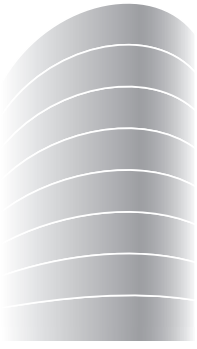


Join us at the 2020 National Manufacturing Conference & Exhibition on the 29th & 30th of January 2020 to hear from an impressive line-up of manufacturing leaders, academics and government agencies who will engage in a stimulating blend of key note addresses and debates.

www.manufacturingevent.com

Contact **Keith** at keith@prempub.ie or on **+353 1 6120880** for more information

DUBLIN



National
**Construction
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Solid Foundation – Stronger Future

CITYWEST, DUBLIN - 14th March 2019



www.nationalconstructionsummit.ie

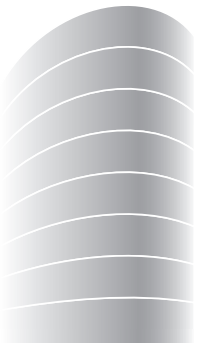
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National
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The National Construction Expo UK

Connecting Key Stakeholders Responsible for Delivering
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E16

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The Centre for Advanced Photonics and Process Analysis (CAPPA) is an Enterprise Ireland funded Technology Gateway aimed at delivering experienced R&D solutions for industry. The Centre's core skills revolve around using Photonics (light and light based) and Optics platforms to add value to areas such as process analysis and control, product design and development and sensing and measurement.



CENTRE FOR INTELLIGENT AUTONOMOUS MANUFACTURING SYSTEMS (i-AMS) D12

The Centre for Intelligent Autonomous Manufacturing Systems (i-AMS) is an interdisciplinary team of researchers at Queen's spanning the disciplines of Engineering, Computer Science, Applied Mathematics and Psychology working together to develop innovative technologies and solutions to address the challenges of Industry 4.0.

iams@qub.ac.uk
www.qub.ac.uk/iams



CENTRE FOR COMPETITIVENESS A16

We help organisations from the private, public and voluntary sectors to be more competitive, enabling them to grow, excel and be sustainable. We are a not for profit, self-financing membership organisation operating in Northern Ireland and Ireland.

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CES QUARRY PRODUCTS LTD A14

CES Quarry Products Ltd is a third generation family

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sales@cesquarryproducts.com



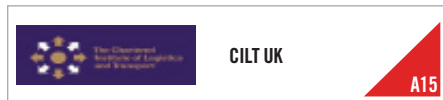
As the Industry Training Board in NI, CITB NI provides a range of services to the construction industry which incorporates identifying training needs, encouraging and advising on training, provision of training grants and research and policy development.

Nutts Corner Training Centre, 17 Dundrod Road
Crumlin, County Antrim, BT29 4SR
Tel: 028 9082 5466
info@citbni.org.uk



CK International are based in Dungannon, Northern Ireland and were established in 1996. Since then we have grown to become a leading supplier of waste compaction equipment in the UK and throughout Europe. This is a testament to the quality balers we supply, the knowledge and expertise within the CK International team and our customer focussed approach.

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The Chartered Institute of Logistics and Transport (CILT) in the UK is the membership organisation for professionals involved in the movement of goods, people and their associated supply chains. The work of our members impacts directly on people, society and the environment, on business profitability and economic growth. We add value to our members by enhancing their knowledge, careers, and businesses by setting, supporting and delivering professional standards.

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Tel: 01536 740100



At Clenli Direct, our reliable people are recognised for their innovative know-how in providing solutions, to help our customers achieve and maintain the highest standards of cleanliness from floor to ceiling. We are the exclusive Irish distributors for many of the premier manufacturers of cleaning equipment in Europe.

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Cybiss is committed and valued as a complete information security solutions and services provider to our clients at home in Northern Ireland, Ireland and Great Britain. Our long term vision is to maintain and

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Tel: 01270 539 800



The Co-Innovate Programme is supported by the European Union's INTERREG VA Programme, managed by the Special EU Programmes Body (SEUPB), and was awarded up to €14,702,502.14 European Regional Development Funding in order to support over 1,400 SMEs and micro-businesses in Northern Ireland, the Border Region of Ireland, and Western Scotland.

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CEI is Ireland's only accredited electrical testing laboratory providing the following testing and services. Electromagnetic Compatibility, Electrical Safety, Machinery Directive, Radiation Hazards.

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CPAS provides specialist professional pension administration services to the construction sector. Clients include the Construction Workers' Pension Scheme (CWPS), Construction Workers' Sick Pay Trust, Construction Executive Retirement Savings (CERS), and Construction Industry Retirement Trust Scheme (CIRT).

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www.crossenengineering.co.uk



CyberGuarded are an accredited vendor independent information security testing and auditing company. Established in 2006 and operating out of 3 offices across the UK & Ireland, CyberGuarded are a leading experienced information security testing and auditing provider.

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info@cyberguarded.com



Cuchulainn Workwear is a division of the Cuchulainn Teamwear Group – a family owned business with over 20 years experience in the clothing and embroidery industry. The continued growth and expansion in the Cuchulainn Sportswear sector and its associated customer base brought with it increasing workwear related queries.

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C10

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F29A

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F25

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E26

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A03

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F27

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E32

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A16A

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B06A

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EMC

**F07
F08**

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**ENTERPRISE EUROPE
NETWORK**

A08

The Enterprise Europe Network is hosted in Northern Ireland by Invest Northern Ireland. The network helps businesses innovate and grow on an international scale. It is the world's largest support network for small and medium-sized enterprises (SMEs) with international ambitions.



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C03

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G21

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F34

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supplychain@exertis.com



FAST TECHNOLOGIES

D12

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m. +44 (0)777 579 1669
e. colin@fasttechnologies.com
w. fasttechnologies.com



**FEDERATION OF
MASTER BUILDERS**

B11

The Federation of Master Builders is the largest trade association in the UK construction industry, representing thousands of firms in England, Scotland, Wales and Northern Ireland. Established in 1941 to protect the interests of small and medium-sized (SME) construction firms, the FMB is independent and non-profit making, lobbying for members' interests at both the national and local level.

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LS26 0GR
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B25

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A07

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commercial-ffp@finsa.es

Drogheda port , Tom Roes Point ,Baltray rd, Drogheda co. Louth, Ireland
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Fax: 353 61 921129
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A02

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F29A

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G05

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G11

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D18

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C25

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D12

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B15

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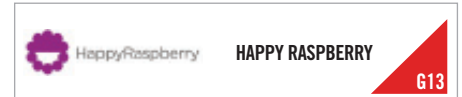


GT EXHAUSTS LTD

D15

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Tel:028 6632 2282
www.gtexhausts.co.uk



HAPPY RASPBERRY

G13

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E02

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HEXAGON MANUFACTURING INTELLIGENCE

D12

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HIDROSTAL

A10

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Prof Dermot Brabazon
I-Form, Advanced Manufacturing Research Centre
School of Mechanical & Manufacturing Engineering,
Faculty of Engineering & Computing
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Glasnevin, Dublin 9, Ireland
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A Global Research Institute within Queen's University Belfast which addresses one of the most pressing international challenges: the future of our food systems. Using inter-disciplinary research, the latest technology and partnering with industry whenever possible, IGFS strives to combine academic excellence with real-world application

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Inspire 3D was setup in 2011 to service the growing need for additive manufacturing in Ireland and is a fully Irish owned and operated company. Inspire 3D is the Irish partner for international brands such as Formlabs, Markforged and Ultimaker among others.

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Tel: +44 7468 485 602



The KTP Programme is a cost-effective way for companies to tap into the expertise and know-how available in universities and colleges to help you grow your business. A Knowledge Transfer Partnership (KTP) is a three-way partnership between a business, an academic institution such as a university or college and a qualified graduate delivering a project lasting on average two years.

KUKA

KUKA ROBOTICS UK

D12

KUKA Robotics UK and Ireland is a wholly-owned subsidiary of KUKA Deutschland GmbH, Europe's largest manufacturer of industrial robots; with an annual turnover value of 4.5 Billion Euro.

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KUKA Robotics UK Limited Great Western Street, Wednesbury, WS10 7LL, United Kingdom
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G01

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Lister

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G17

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microtek

MICROTEK U.K.

E25

POS solutions – we supply POS equipment in the form of – Touch Screens, Handheld Ordering, Kiosk Terminals, Printers and Peripherals. POS Software – we have an extensive list of POS software, ensuring we can identify the right product for your business. In addition to this with our team of U.K based developers we can provide bespoke software solutions specifically for your needs.

maxon motor

driven by precision

maxon motor

F14

maxon motor are the problem solvers of the DC motor industry. We have a vast amount of technical knowledge and are the only global company who actually manufacture our DC motors, gearheads and controllers. We offer standard and customised products as well as completely bespoke systems. maxon's engineers have years of experience in assisting customers with their projects.

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karen.whittaker@maxonmotor.com

mpack

M PACK

C16

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MCIVOR PLASTICS

E07

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Patrick Mclvor, Mclvor Plastics Ltd, 161-171 Strand Road, Londonderry, BT48 7PT
Tel: 0044 28 71267535
Fax: 0044 28 71269313
Website: www.mclvor.co.uk

METEOR

METEORLITE

F11

F12

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mj flood

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D31

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MILLS CNC:
LIKE NO-ONE ELSE!

D12

Mills CNC is the exclusive distributor of Doosan machine tools in the UK and Ireland. The company also supplies Doosan Robotic collaborative robot systems and solutions to UK and Irish manufacturers, and is home to the CNC Training Academy - the UK's premier CNC training organisation.

The Mills CNC Technology Campus, Leamington Spa, CV34 6SN

Tel: 01926 736736
Mob + 353 87 419 1444

MMD
COMMUNICATIONS

C20

MMD Communications Ltd is the largest franchise of O2 (Telefónica UK Limited) with 18 stores & a business centre serving customers across Northern Ireland & Scotland.

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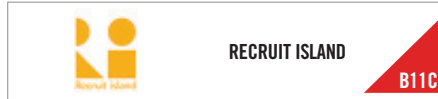


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Contact: Colm Higgins, Head of NITC
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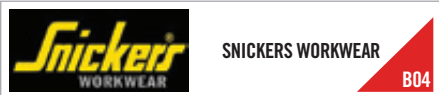
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