

ONE DAY SEMINAR - ENGINEERING ENTREPRENEURSHIP

Specially Designed To Highlight Industry Collaborations
With Academia In The Product And Process Manufacturing Spaces



Cork Institute of Technology Thursday 4th September, 2014
Part of the 31st International Manufacturing Conference

Biographical Details of Guest Speakers



Sean O'Driscoll is Chairman and Chief Executive Officer of the Glen Dimplex Group. He joined Glen Dimplex in 1990 as Group Finance Director, and was appointed Deputy Chief Executive in 1994, Group Chief Executive in 1998 and Chairman and Chief Executive Officer in 2011. Prior to joining Glen Dimplex he was a partner in KPMG.

He is a member of the Advisory Group for the Global Irish Economic Forum. In 2013, he was appointed as an industry partner to the Government's Action Plan for Jobs and as a Member of the National Competitiveness Council of Ireland. He is also a Member of the EU-Japan Business Roundtable.

A graduate of University College Cork and a Chartered Accountant, he was awarded an Honorary OBE by Her Majesty Queen Elizabeth II for services to British industry.



Tommy Fanning is Head of the Engineering, Industrial Products and Clean Technologies division of IDA Ireland, the Irish inward investment agency. His background is in business strategy, development and marketing having held multiple business roles across IDA's Irish and overseas operations. Prior to his current role he was territory director for IDA in the US with responsibility for the mid-US states while previously acting as territory director for Asia-Pacific based in Tokyo.

Prior to these positions he worked as Head of Business Development in Europe for Deutsche Bank and State Street in their fund services businesses.

Tommy is a graduate in marketing with a professional qualification from the Marketing Institute of Ireland and also holds diplomas in business strategy from the Irish Management Institute and accounting & finance from the Assoc. of Certified Accountants.



Deirdre Glenn, Director, Manufacturing, Engineering and Energy Commercialisation at Enterprise Ireland has 18 years commercial experience, with particular expertise in technology transfer and the commercialisation of research across the academic-clinical-industry interface.

Appointed Director of Manufacturing, Engineering and Energy Commercialisation (MEEC) in 2012, Deirdre plays a critical leadership role within Enterprise Ireland. Her role involves maximising the economic impact of public investment in research, in the areas of manufacturing, engineering and energy in third level institutions, thereby sustaining and creating jobs in Ireland.

ONE DAY SEMINAR - ENGINEERING ENTREPRENEURSHIP

Specially Designed To Highlight Industry Collaborations
With Academia In The Product And Process Manufacturing Spaces



Cork Institute of Technology Thursday 4th September, 2014
Part of the 31st International Manufacturing Conference

DAY 1: THURSDAY 4TH SEPTEMBER 2014 Conference Opening and Keynote Session 1

Room T101 Tourism Building

8.20am Tea/Coffee and Registration

- 8.50am **Conference Opening**
Dr Brendan J. Murphy, President of Cork Institute of Technology
- 9.00am **Innovation the life blood of a successful business**
Sean O'Driscoll, Chairman and CEO, Glen Dimplex
- 9.30am **Competitiveness and manufacturing in western, developed economies**
Tommy Fanning, Head, Engineering, Industrial & Clean Technologies Division, IDA
- 9.50am **Supporting collaboration between the manufacturing industry and the research community**
Deirdre Glenn, Director, Manufacturing, Engineering and Energy Commercialisation, Enterprise Ireland
- 10.10am **Manufacturing research and teaching in Irish higher education**
Kevin Kelly, Programme Director, MAI Engineering with Management Department of Mechanical and Manufacturing Engineering, Trinity College

10.20am Tea/Coffee Break

Innovation Session with Spinouts from Academia & Parallel Paper Sessions

Session 1A: Room T101: Innovation Session with Spinouts from Academia

- 10.45am **CIT's relationships with industry through collaboration, services and research**
Orla Flynn, Vice President for External Affairs, CIT
- 10.55am **Collaborating to innovate and innovating to collaborate: industry engagement and support at University College Cork**
Tim Roche, Director, Office of Technology Transfer, University College Cork,
- 11.10am **Engineering an undergraduate student innovation eco system including introduction of equaliser novel product**
Seán F. O'Leary Senior Lecturer, Department of Mechanical, Biomedical and Manufacturing Engineering, School of Mechanical, Electrical and Process Engineering, CIT
- 11.30am **High risk ventures de-risked through collaboration with Irish industry**
Myles Murray, Founder and CEO, PMD Solutions
- 11.50am **From concept to end-user - the commercialisation of medical device Technology**
John Vaughan, Chief Technical Officer, Aventa Med
- 12.10pm **Data capture and management software and its applications in the R&D and manufacturing space**
Declan Gordon, Director and Co-founder, Mohago

Parallel Paper Sessions

11.30am Session 1B: Room T105: Design for Manufacture

12.30pm Lunch

Innovation within Industry and Parallel Paper Sessions

Session 2A: Room T101: Innovation within Industry

- 1.30pm **Research for the sake of research: how do we close the commercialisation gap?**
Gary Clerkin, Director, Manufacturing Engineering & Technology at DePuy Orthopaedics
- 2.00pm **The Process of innovation management at EMC**
Brendan Butler, Director, Engineering and Innovation, EMC Ireland
- 2.20pm **International success from a 100% Irish manufacturing base**
Michael Guinee, CEO and Founder, EI Electronics
- 2.40pm **The InterTrade Ireland FUSION programme**
Joe Kelleher, Intertrade Ireland FUSION Consultant
- 3.00pm **Advances in milk production technologies**
John Upton, Teagasc
- 3.20pm **Embedded systems and the Internet of things in energy management, smart cities, and factories of the future**
Dr Dirk Pesch, Head, Nimbus Centre for Embedded Systems Research, CIT

Parallel Paper Sessions

2.15pm Session 2B: Room T105: Manufacturing Innovation

3.40pm Tea/Coffee Break

4.00pm Session 3A: Room T104: Manufacturing Processes 1
Session 3B: Room T105: Education and Enterprise Development

5.00pm Close of Day 1

6.30pm Civic Reception, City Hall, Cork

7.30pm Conference Dinner at Clarion Hotel, Lapps Quay, Cork

