

ABOUT THE CHAIRMAN & SPEAKERS

Brendan Boland



Brendan holds a degree in Plastics Engineering from the London Metropolitan University. Following his graduation he worked in the UK for Smiths Industries and Gillette in London. Presently

Brendan is with Bausch + Lomb in Waterford, working for the Engineering function on projects involving the pharmaceutical and lens care business units developing the latest lens products and production platforms. Brendan also holds a Six Sigma Black belt from the American Society for Quality.

Aisling Nolan



Aisling Nolan is General Manager of Mergon International, which is part of Ireland's Mergon Group and specialises in the design and manufacture of technical blow moulded and injection moulded products, supplying OEMs in the Healthcare, Automotive and Industrial sectors. Aisling graduated from Dublin City University with a BA (Hons) in International Business and Languages in 1997 and joined Mergon International on graduation. During this time, Aisling held a number of positions in Sales and Operations including playing a leading role in the establishment of Mergon Czech s.r.o. in 2004. She was Group Human Resources Manager before becoming General Manager of Mergon International in 2011.

James O'Gorman



James O' Gorman, Vice President, Drug Delivery & Diagnostics, Nypro Healthcare.

James holds a BSc in engineering. Following graduation James worked in the Automotive and Aerospace industries in Germany, UK, France,

Spain and the Czech Republic. During this time he managed a number of large new product introductions, business restructuring projects and acquisitions. He joined Nypro Ireland in 1999 as Director of Programmes, since then he has held positions of European Technical Director, Managing Director Nypro Europe and currently as the Vice President of Nypro's global Drug Delivery & Diagnostics business unit. James and his team manage 9 manufacturing plants globally and currently have 3 new start up facilities about to be introduced included a state of the art 210k sq. ft. facility in Waterford.

Ray Davis



After graduation in electrical engineering, Ray joined Munekata in Japan as a trainee mould-tooling engineer. On return to Ireland in 1990, he worked as an NC/CAM Programmer before moving to CAD/CAM and injection moulding.

In 2001, as R&D Director of a Malaysia moulding company, he managed the transfer of optical lens moulding technology from JVC Japan to Malaysia. This transfer technology was used as the basis for securing a Government grant of circa \$1m for building a DVD lens design and manufacturing capability. On return to Ireland in 2008, he has worked with several Irish companies including Mergon, Shabra, Bellurgan Precision, JL Goor, Macomtech in the areas of technical R&D, grant raising, third level engagement and business development. He has strong interest in the use of plastic recycle both in Ireland and in South East Asia. He represents the German company Gneuss for super-cleaning recycle extrusion and filtration technology. As founder of Tera Solutions, he supports and advises companies both in Ireland and Asia to achieve 'commercial' goals by maximising the available local incentives.

Simon Wrighton



With 23 years in the plastics industry, covering many processes, Simon Wrighton has a solid understanding of the polymer industry; of that 23 year 15 have been spent with Arburg a market leader in the manufacture of

injection moulding machines. Over his career at Arburg, Simon has held the title of Sales Engineer, Sales Manager and now Sales Director, he has assisted customers large and small working with them to stay ahead of the competition from overseas by the use of innovative technology offered by Arburg.

Michael Gilchrist



Professor Michael Gilchrist is Head of the School of Mechanical & Materials Engineering at University College Dublin. His academic research concerns the dynamic mechanical behaviour of non-linear materials including polymers and composites, as well as biological tissues, specifically skin, bone and neural tissue. Current polymer processing projects in his laboratory are on micro-injection moulding, use of bulk

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metallic glass and novel materials as tool inserts, and manufacturing prototype microfluidic devices. He has published 120 peer reviewed journal articles and supervised 30 PhD and research Masters students. Intellectual property from his research has been licensed to research groups in Ireland, UK, Belgium, US, Canada and Singapore. Two of his past research students have established start-up companies, Micromolding Solutions Inc. and Gingko Bioworks.

Joel Bell



Dr. Joel R. Bell has a Bachelor of Science in Composite Materials Engineering from Winona State University (Minnesota, USA) and a Ph.D. in Materials Science Engineering from the University of Minnesota (Minnesota, USA).

During his doctoral studies at the University of Minnesota, Dr. Bell specialized in polymer blend formulation and characterization. At RTP Company, he has 6+ years of experience in polymer compound formulation and application development. Dr. Bell is currently the International Technology Manager located at RTP's headquarters in Winona, Minnesota.

Kenny O'Brien



Kenny is General Manager of Athlone Extrusions Ltd, a private company with €60m turnover and 155 employees, which produces thermoplastic sheet and film for use in the Vacuum Forming, Fabrication and Display Sectors. Kenny graduated from Athlone Institute of Technology in 1990 after completing the BSc.(Polymer Technology).He completed a MSc in International Business with Trinity College in 2009. Over the past 24 years he has worked in Injection Moulding, Blown Film and Sheet Extrusion

industries with companies including Munekata, British Polythene Industries and Motorola. Kenny has served as Chairman of Plastics Ireland since 2008 overseeing the Industry through difficult economic conditions.

Michael Moloney



Michael is an accomplished Packaging Engineer currently providing guidance and design support to the product innovation teams working on NPDP/NPI projects within Stryker Ireland.

Michael has a background in Computer Aided Manufacture and Packaging technology and has been involved in Packaging projects for over 7 years across multiple medical device multinationals working closely with functions including product development, R&D, Quality Assurance and Regulatory affairs to provide the end customer with the optimised packaging solution.

Heinz O'Connor



Heinz has worked for PEM since 1981 when he started as a toolmaker, gaining a diploma in industrial management from DIT. He moved to marketing and business development in 1993. In

2003 became Managing Director of PEM and was involved in a successful MBO in 2005. Since then the company has developed using Solidworks and Mastercam software which has allowed PEM to expand into Healthcare and Electronic sectors in Ireland, Germany and France.



The Institute of Materials, Minerals & Mining

POLYMER SEMINAR 2014

“Plastics Processing 2014”

Thursday 10th April, 2014

Hodson Bay Hotel

Athlone

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EXHIBITORS

Bray Engineering Services Ltd
First Polymer Training
J L Goor Ltd
J L Goor Materials Ltd
Zenith
JHL Engineering Ltd.
Epicor
Verus Precision

Arburg
Demag Plastics Group
DG Systems
Applied Polymer Technology Gateway
Crain Communications
Husky
RJG



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“Plastics Processing 2014”

Thursday 10th APRIL 2014

General Meeting Information

Speakers have been given a time to present their papers after which there will be time allowed for questions and discussion.

PROGRAMME

08.30	REGISTRATION EXHIBITION VIEWING
09.00	Welcome address by Chairman IOM3 POLYMER GROUP Brendan Boland, Bausch & Lomb
SESSION 1:	Chairman Brendan Boland, Bausch & Lomb
09.10	Keynote address: Foreign Direct Investment – Why Ireland? James O’Gorman, Nypro
09.50	How to get the best price on Electricity and efficient use in Plastic Processing Kenny O’Brien, Athlone Extrusions
10.20	DISCUSSION
10.30	COFFEE and EXHIBITION VIEWING
11.00	Chairman Aisling Nolan , Mergon
11.00	Micro-injection moulding: New product development for microfluidics applications Professor Michael Gilchrist, UCD
11.35	A Pathway to Successfully Replacing Metals with Thermoplastic Compounds Dr. Joel Bell, RTP (USA)

12.15	Developments in Medical Packaging Michael Moloney, Stryker
12.40	Developments in Polymer Education Catherine Collins, First Polymer Training
13.00	LUNCH EXHIBITION VIEWING
SESSION 2:	Chairman Aisling Nolan, Mergon
14.00	Dealing with moulded components in an automated assembly system: “Case study: Regulator Assembly Machine” Heinz O’Connor, PEM
14.40	Funding supports for R&D for the Irish plastics Industry Ray Davies, Tera Solutions
15.10	Advances in Injection Moulding Simon Wrighton, Arburg (UK)
15.40	DISCUSSION
	Summary & Close
	EXHIBITION VIEWING
	Coffee will be served at the close

ENQUIRIES

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 Hon. Secretary: Paul Blackie, Lissywollen, Ballymahon Road Athlone
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The Institute of Materials, Minerals & Mining

REGISTRATION FORM AND INVOICE

Name _____
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 Address _____

 Tel: _____
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Where more than one person attending,
please indicate below the additional names:

FEE:	Delegate	€150	<input type="checkbox"/>
	Extra delegate from same company	€100	<input type="checkbox"/>
	Student	€20	<input type="checkbox"/>
	Exhibitor	€150	<input type="checkbox"/>

Fee includes coffee, lunch and documentation.

Substitutions may be made at any time. Fee Enclosed € _____

Cheque payable to
INSTITUTE OF MATERIALS
Polymer Group

Completed Registration Form with cheque or notification of
 electronic payment to:-
 Hon. Secretary
 Paul Blackie, Lissywollen, Ballymahon Road,
 ATHLONE, Co. Westmeath
 e-mail : p2blackie@yahoo.ie mobile 087 287 3405
 E payment: Ulster Bank, Dundrum Branch,
 Usher House, Main Street, Dundrum, Dublin.
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