ABOUT THE CHAIRMAN & SPEAKERS

Brendan Roland
Brendan holds a degree in Plastics Engineering from the University of London Metropolitan University. Following his graduation he worked in the UK for Smiths Industries and Gillette in London. Presently Brendan is with Rambus + Leith in Wexford, working for the Engineering function on projects involving the pharmaceutical and food care business units developing the latest lens products and production platforms. Brendan also holds a 2nd 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 mould and injection moulded products, supplying ODMs in the Healthcare, Automotive and Industrial sectors. Aisling graduated from Dublin City University with a B.A (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 Managing Director Nypro Europe and currently heading business restructuring projects and acquisitions. 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, U.S. Canada and Singapore. Two of his past research students have established start-up companies, Micromoulding Solutions ltd. and Biopoly Bioworks.

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 specialised in polymer blend formulation and characterisation 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.

Ray Davis
After graduation in electrical engineering, Ray joined Minkaes in Japan as a trainee mould-tooling engineer. On return to Ireland in 1990, he worked as an NCCAM Programme engineer 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 manufacturing technology from PC Japan to Malaysia. This transfer technology was used as the basis for securing a Government grant of circa £1m for building new production lines. On return to Ireland in 2008, he has worked with several Irish companies including Mergon, Shabra, Bellurgan Precision, JL Goor, Macmacht in the areas of technical R&D, grant raising, third level engagement and business development. He has strong interest in the use of plastic recyclate both in Ireland and in South East Asia. He represents the German company Gries for super-cleaning recyclate extraction and filtration technology. As founder of Tera Solutions, he supports and assists companies both in Ireland and Asia to achieve ‘commercial’ goals by maximising the available local incentives.

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

Simon Weighton
With 25 years in the plastics industry, covering many processes, Simon Weighton has a solid understanding of the polymer injection moulding machines. Over his career at Arburg, Simon has held the title of Sales Engineer, Director 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 concern the dynamic mechanical behaviour of non-linear materials including polymers and composites, as well as biological tissues, specifically skin, bone and tissues. Current polymer processing projects in his laboratory are on micro-injection moulding, use of bulk metallic glass and novel metals as tool inserts, and manufacturing prototype microfluidic devices. He has published over 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, U.S. Canada and Singapore. Two of his past research students have established start-up companies, Micromoulding Solutions ltd. and Biopoly Bioworks.

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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

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<th>Session</th>
<th>Speaker</th>
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<tr>
<td>09.00</td>
<td>Welcome address by Chairman</td>
<td>Brendan Boland, Bausch &amp; Lomb</td>
<td>IOM3 POLYMER GROUP</td>
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<tr>
<td>09.10</td>
<td>Keynote address:</td>
<td>James O’Gorman, Nypro</td>
<td>Foreign Direct Investment – Why Ireland?</td>
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<td>09.50</td>
<td>How to get the best price</td>
<td>Kenny O’Brien, Athlone Extrusions</td>
<td>Plastic Processing</td>
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<td>10.20</td>
<td>DISCUSSION</td>
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<tr>
<td>10.30</td>
<td>COFFEE and EXHIBITION VIEWING</td>
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<td>11.00</td>
<td>Chairman</td>
<td>Aisling Nolan, Mergon</td>
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<tr>
<td>11.00</td>
<td>Micro-injection moulding:</td>
<td>Dr. Joel Bell, RTP (USA)</td>
<td>New product development for microfluidics applications</td>
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<td>11.35</td>
<td>A Pathway to Successfully</td>
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<td>Replacing Metals with Thermoplastic Compounds</td>
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<td>Replacing Metals with</td>
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<td>Thermoplastic Compounds</td>
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SESSION 2:

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<th>Session</th>
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<tr>
<td>12.15</td>
<td>Developments in Medical</td>
<td>Michael Moloney, Stryker</td>
<td>Packaging</td>
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<td>12.40</td>
<td>Developments in Polymer</td>
<td>Catherine Collins, First</td>
<td>Training</td>
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<td>13.00</td>
<td>LUNCH</td>
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<tr>
<td>13.00</td>
<td>Chairman</td>
<td>Aisling Nolan, Mergon</td>
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<td>14.00</td>
<td>DEALING WITH MOLDED</td>
<td>Dr. Joel Bell, RTP (USA)</td>
<td>Components in an automated assembly system: “Case</td>
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<td>COMPONENTS IN AN AUTOMATED</td>
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<td>study: Regulator Assembly Machine”</td>
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<td>ASSEMBLY SYSTEM:</td>
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<td>“CASE STUDY: REGULATOR</td>
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<td>ASSEMBLY MACHINE”</td>
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<td>14.40</td>
<td>Funding supports for R&amp;D in the</td>
<td>Ray Davies, Tera Solutions</td>
<td>Irish plastics Industry</td>
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<td>IRISH PLASTICS INDUSTRY</td>
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<td>15.10</td>
<td>Advances in Injection</td>
<td>Simon Wrighton, Arburg (UK)</td>
<td>Moulding</td>
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<tr>
<td>15.40</td>
<td>DISCUSSION</td>
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<td></td>
<td>Summary &amp; Close</td>
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<td>16.00</td>
<td>EXHIBITION VIEWING</td>
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12:15 Developments in Medical Packaging
Michael Moloney, Stryker

12:40 Developments in Polymer Education
Catherine Collins, First Polymer Training

13:00 LUNCH

SESSION 2:

13:00 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

16:00 Summary & Close

16:30 EXHIBITION VIEWING

Coffee will be served at the close

ENQUIRIES

IOM 3 POLYMER GROUP
Chairman: Brendan Boland, Bausch & Lomb
e-mail: Brendan.boland@bausch.com

Hon. Secretary: Paul Blackie, Lissywollen, Ballymahon Road, Athlone
Tel. No. 09064/78239 e-mail p2blackie@yahoo.ie

Mobile: 087 287 3405

FEE: Delegate
€150

Extra delegate from same company
€100

Student
€20

Exhibitor
€150

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
Tel. No. 09064/78239 e-mail p2blackie@yahoo.ie
Mobile: 087 287 3405

E payment: Ulster Bank, Dundrum Branch, Easter House, Main Street, Dundrum, Dublin.
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