



**Elastomer
Group**



Plastics and Rubbers on the Net Zero Carbon Timeline

Thursday 15th June, 2023

**The Dalton Room, Core Technology Facility (CTF),
University of Manchester
46 Grafton St,
Manchester
M13 9WU**

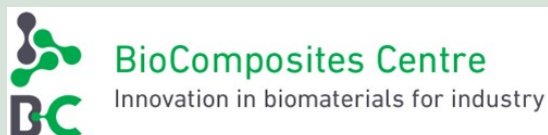


Plastics and Rubbers on the Net Zero Carbon Timeline

The Manchester Polymer Group, in conjunction with the IoM3 Elastomer Group, are pleased to announce their next joint full day Seminar to be held on 15th June 2023. at The Dalton Room, Core Technology Facility (CTF), University of Manchester.

The Seminar will address the latest developments and challenges in meeting and improving the sustainability of elastomers and polymers, through a wide programme consisting of twelve papers detailed on the following pages.

Please use the application form to register your attendance and join these organisations for this exciting educational and networking opportunity.



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9.00am	Registration & Coffee
9.30am	Welcome address – Dr Clive R Fenn
Session 1: Overview—Chair: Dr Clive R Fenn	
9.40am	Packaging can save money and the planet! Tim Barbary, Benchmark / Midlands Packaging Society
10.00am	Cultivating Sustainable Relationships with Plastics Dr Chloe Loveless, Sustainable Materials Innovations Hub
10.20am	Session 1: Q&A
Session 2: Sustainability of polymers—Chair: Dr Christina Picken	
10.30am	The Sustainable Polymers and Elastomers Ajithkumar Sukumaran Nair, CLWYD COMPOUNDERS
10.50am	Innovative Sustainable Solutions for Training Shoe Design Sara Naderizadeh, QMUL
11.10am	Session 2: Q&A
11.20am	Coffee
Session 3: Biopolymers & Additives—Chair: Dr Chris Williams	
11.40am	How Sustainable Carbonaceous Materials can Help Industry Meet the Challenge of Net Zero Joe Hallet, Birla Carbon
12.00pm	A Novel Highly Resilient and Biorenewable Synthetic Elastomer from Plant-based Raw Materials Sungkwon Yoon, Queens University Belfast
12.20pm	Novel bio-based self-healing thermoplastic polyurethanes
12.40pm	Session 3: Q&A
12.55pm	Networking Lunch
Session 4: Recycling—Chair: Stuart Patrick	
2.30pm	Recycled plastic content quantified through aggregation-induced emission: ReCon2 Dr Thomas Bennett, Sustainable Materials Innovations Hub
2.50pm	An overview of the challenges and issues for plastic film recycling and potential solutions Dr Qiuyun Liu, Biocomposites Centre, Bangor University
3.10pm	Coffee
3.30pm	Optimisation of sulphur curing formulation to enable recyclability for Natural Rubber
3.50pm	Steam Depolymerisation of waste PET Fibers to Terephthalic Acid followed by Re-polymerisation Hubertus Warsahartana, B&M Longworth
4.10pm	Session 5: Q&A
4.30pm	Closing remarks followed by Networking
5.00pm	Close
The program may be subject to change	

Registration

To reserve your place at this one-day seminar, please use the registration form at the end of this program.

Attendance costs £40 for members of IOM3 & £75 for non-members. Students and Apprentices can attend free of charge. The registration fee includes all refreshments and lunch.

This conference represents excellent value for money with the subject matter covered and opportunities to network with multi-national and SMEs. It is recommended that you reserve your place early to avoid disappointment.

Opportunities exist for table top exhibitions at a cost of £175 to include two delegates.

Payment may be made by CHEQUE or BACS.

Travel, Directions & Accommodation,

**The Dalton Room, Core Technology Facility (CTF),
University of Manchester
46 Grafton St, Manchester M13 9WU**

If you or your delegates require overnight accommodation, preferential rates are available at the 4* Hyatt Regency and Hyatt House, located at the heart of the Oxford Road campus.

For individual bookings on a University account code, standard rooms can be booked at £145.08 per night B&B. Bookings should be made directly with the Alliance Manchester Business School <<https://www.alliancembs.manchester.ac.uk/contact/hotel-bookings/>> team.

There are extensive car parking facilities nearby.

Accreditation

The seminar is approved for Professional Development by IOM3



Contact

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Elastomer
Group

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DELEGATE REGISTRATION FORM

COMPANY	
ADDRESS	INVOICE ADDRESS (If different)

CONTACT NAME	
CONTACT TELEPHONE NUMBER	
CONTACT EMAIL ADDRESS	

REGISTRATION FEE:- £75 NON-MEMBERS / £40 MEMBERS (MUST QUOTE IOM3 MEMBERSHIP NUMBER)

DATA PROTECTION INFORMATION

PLEASE COMPLETE THE FORM ON FOLLOWING PAGE AND RETURN A COPY FOR EACH INDIVIDUAL APPLICANT

APPLICANT(S) NAME(S)	IOM3 membership No (if applicable)	Registration fee payable
	TOTAL FEE	£

The completed registration form and cheque made payable to
"MANCHESTER POLYMER GROUP" for the appropriate amount should be sent to:

Dr Gary Ogden
9 School Road
West Felton
Shropshire
SY11 4HH
e-mail: garyogden48@gmail.com

Direct invoicing: please complete and return the registration form together with a Purchase Order Number.
NOTE: PAYMENT TERMS ARE 7 DAYS FROM DATE OF INVOICE / MPG IS NOT VAT REGISTERED

Payment by BACS can be made using the details opposite	BARCLAYS PLC, MANCHESTER CITY OFFICE, 51 MOSLEY STREET, MANCHESTER M60 2AU A/C NAME: MANCHESTER POLYMER GROUP SOCIAL ACCOUNT A/C NUMBER: 80962384 / SORT CODE: 20-55-59 Quote reference "SUSTAINABILITY 23" on payment IBAN GB53 BARC 20555980962384 SWIFT BARCGB22
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To assist with planning, confirmation of attendance along with your payment should be made no later than 1st June 2023. However every effort will be made to accommodate interested delegates after this date.

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Data Protection Information

The Manchester Polymer Group is an affiliated local society of the Institute of Materials, Minerals and Mining (IOM3), www.iom3.org

The Manchester Polymer Group will store your data in order to be able to send you information about this and future events and to assist you with your attendance. Please note if you do not agree to us storing this information we will not be able to send you information about future MPG events.

All personal information provided will be processed in line with the General Data Protection Regulation.

PLEASE GIVE YOUR CONSENT FOR MANCHESTER POLYMER GROUP TO:

	Yes/No
<i>Keep you informed via email of the latest events run by Manchester Polymer Group</i>	
<i>Use photographs, quotes and/or recordings of, or given by you either singularly or in conjunction with other photographs and/or recordings for advertising, publicity, commercial or other business purposes.</i> <i>These will be used for the promotion of your business , the MPG event and through press releases, social media etc.</i>	
Name (printed): Signature Date:	

You can withdraw your consent or opt out of receiving correspondence at any time by emailing David Baker, Hon. Secretary, MPG at david@perrite.co.uk