

The olymer Society

A Division of the Institute of Materials, Minerals and Mining

NEWSLETTER JULY 2017

In this edition, we remind you about our Awards, report on recent events, note our upcoming events and ask for your input into Materials World content.

Awards

The Institute makes a number of awards for people in the rubber and plastics industries and nominations are always encouraged.

The awards to be made in 2018 are:

- a) Prince Philip Award
- b) Swinburne Medal and Prize
- c) Hancock Medal
- d) James S Walker Award

Details of the awards can be found at <http://iom3.org/iom3-awards>. The Polymer Society Board would particularly like to draw your attention to the James S Walker Award which is awarded for a student project, already examined, on the subject of polymers.

Conferences

Members of the Society are very active in running conferences and meetings. The PVC Committee (<http://iom3.org/polymer-society/pvc-committee-polymer-society>) recently organised a highly successful PVC 2017 and 530 delegates from 43 countries attended. The Rubber in Engineering Group (RIEG) continue to mount an active a varied programme of events and further details can be found at <http://iom3.org/rubber-engineering-group>.

Future Events

PPE'17 and UK-CHINA AMRI

There is still time to register for **PPE'17 and the UK-CHINA AMRI** meeting at Bradford University. Polymer Process Engineering'17 aims to:

- Provide a timely forum for presentation & discussion of key developments in engineering excellence in polymer processing and associated advanced materials for healthcare;
- Cover leading edge developments in precision polymer processing technology, in-process measurements and process flow modelling, and control;

- Provide a technical focus for the processing and technology industries;
- Reflect developments in Advanced Materials in Healthcare and Medical Devices

Further details can be found at <http://iom3.org/polymer-society/event/ppe17-and-ukchina-amri-meeting>.

MATERIALS PROTECTING SOCIETY

The Institute is organising a series of meetings under a banner of **Materials Protecting Society**. The first event will be on 20 September 2017 at IOM3 headquarters in London. The events are in recognition of the need for society to respond to the modern-day challenges such as terrorism, natural disasters, climate change and an ageing population. The series of seminars is aimed at highlighting the role of materials in society to help meet those challenges and to deliver potential solutions will be presented.

Headline topics will explore the role of materials in:

- Protecting people,
- Protecting the environment,
- Developing resilient infrastructure
- Protecting our future

More information can be found at <http://iom3.org/materials-science-technology-division/event/materials-protecting-society-seminar-series>.

POLYMER AFTERNOON TECHNICAL DISCUSSIONS

The RIEG have been holding afternoon technical discussions for many years, the current series being sponsored by ARTIS (<http://www.artis.uk.com/>) and so are free to attend. The Polymer Society Board is developing similar events for the plastics industry. The first **Polymer Afternoon Technical Discussion** was held on 24 June and concerned *Investigating Polymer Failures in Construction*, the event kindly being sponsored by Sandberg (<https://www.sandberg.co.uk/>). The event was well attended. The proposed subject for the next event will be *Design For Durability* and further details will be circulated at a later date. If there are any topics that you would like to be considered please contact Alan Wood. The aim is to make the events free of charge so we are also looking for people to sponsor the events.

MATOPOLY

The Younger Members Committee of the Institute (<http://iom3.org/younger-members-committee>) are organising a **Matopoly** (<http://iom3.org/feature/2013/jul/18/matopoly-orienteeing-fundamental-materials-science>) event in the North East. The aim of the event is to target new graduates and career people and encourage them to stay in the industry. They are looking for contacts to assist with the event.

OTHER EVENTS

Other events that are planned include

- Self-Healing Elastomers, 8 December 2017, organised by the RIEG. Further details can be found at <http://iom3.org/rubber-engineering-group/event/self-healing-elastomers>.
- IRC 2019 will be held from 10–12 September 2019 at the Kia Oval. London.

Materials World

Members are reminded that they can submit articles and news items for inclusion in Materials World. Deadlines are 6 weeks prior to publication for news items and 8 weeks prior for articles. Current themes to the end of 2017 are:

Publication Date	Feature	Spotlight
September	Industrial Materials Polymers, composites, high-temperature materials, surface engineering	Analysis & Microscopy Surface analysis, particle analysis and testing, polymer microscopy, medical devices microscopy, microscopy analysis techniques.
October	Materials & Modelling Nanotechnology, design, advanced and functional materials, biomedicine, additive manufacture, polymers, electronics, packaging CAD	Testing & Inspection Non-destructive, radiographic inspection, ultrasonic testing, visual inspection, hardness testing, magnetic particle inspection.
November	Security Engineering, nuclear, aerospace, automotive, non-destructive testing, electronics, construction materials	Injection Moulding Plastic, glasses, elastomers, thermoplastics.
December	Low Carbon Nuclear, energy, CCS, renewables, energy efficiency, circular economy, sustainability, waste, recycling, energy from waste, synthetic materials	Heat Treatment Metals.

If there are any aspects of the Society that you would like to discuss, please do contact Alan Wood via the Polymer Society website at www.iom3.org/polymer-society/polymer-society-board.

The Polymer Society is a Division of the Institute of Materials, Minerals and Mining (IOM3).
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