



Rubber and Elastomers – sustainably meeting tomorrow's challenges

Final Programme Details Announced – Fillers, Material Developments, Recycling and Testing

Monday 15th May 2017 at Lancashire County Cricket Club, Emirates Old Trafford, Manchester M16 0PX

Manchester Polymer Group, in conjunction with the Rubber in Engineering Group, are pleased to announce the following details of the programme for their next Rubber Seminar on 15th May 2017, entitled **Rubber and Elastomers – Sustainably meeting tomorrow's challenges**.

Confirmed papers so far include -

The Keynote Paper *Sustainable fillers for future elastomers* from **ARTIS** which will talk about the pyrolysis process and show benchmarking data collected by ARTIS. The paper will also discuss the other approaches being taken in the industry with some novel technologies currently being developed by ARTIS also being featured.

The Product Development session will cover *Slurry process EP(D)M: New Grades obtained with an Innovative New Ziegler Natta Catalyst System* from **Versalis** with the new grades satisfying highly demanding applications such as Automotive Sponge Profiles, Building Solid Profiles and TPV.

The automotive sector will also feature in **Dupont Performance Elastomers** paper *New Vamac® (AEM) Ethylene Acrylate Polymer Developments to respond to Trends in the Automotive Industry* which will focus on the contribution from AEM polymers in meeting fuel efficiency requirements without losing engine performance.

In the Testing and Evaluation session **Elastocon** and **OCSiAl** will respectively cover *Stress Relaxation and Lifetime Estimation of Rubber Materials* and *Use less, Do more and Perform better* featuring the role of carbon nanotubes.

The Recycling session will be discussing *Developments in recycling and re-use of waste rubber* from **Smithers RAPRA** with **Polymer Recyclers** posing the question *Tyres back to Tyres – opportunity or pipe dream?* In this session, *Alternative uses of Devulcanised Rubber* by **Phenix Technology** will also be proposed.

Delegates will hear about the various drivers that are contributing to the increase in interest and activity in recycling as well as considering how these might evolve and change in the future. The large number of ways in which rubber has been recycled into a wide range of new products, covering various industry sectors, will be covered as will the potential for these re-use streams in the future. With particular reference to tyres, there will be an update since the original presentation at the IRC meeting in Manchester in 2014.



Thanks to industry support, delegate charges have been largely held since 2015 and are -

IOM3/RAPRA member £40, Non-member £80, Student/Apprentice Free to include all Coffee/Tea breaks and Lunch.

Table Tops are still available at £190 and include two delegate places.

This conference represents excellent value for money with the subject matter covered and opportunities to network with multi-national and SMEs at the historic Lancashire County Cricket Club.

Registration is now open via Bryan Denson, Chairman, Manchester Polymer Group

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