

# MANCHESTER POLYMER GROUP presents

# RUBBER

## TAKING THE STRAIN

4th Annual Technical Seminar, generously sponsored by  
Columbian Chemicals Company UK Ltd.  
Monday 1st June 2009, Lancashire County Cricket Club.  
See <http://www.lccc.co.uk>

### Programme Outline

(may be subject to change)

- 09:00 Registration & Coffee
- 09:30 Keynote Address: *Effect of Sample Geometry on the Dynamic Properties of Filled Rubber*  
Joe Hallett, RCB Technical Service Manager, Europe, Columbian Chemicals UK Ltd
- 10:15 *REACH — The Very Latest Situation*  
Jonathan Latwyche, REACH Centre Ltd, Lancaster University
- 11:00 Coffee & Tea
- 11:15 *UK Rubber Manufacturing — Where is it Heading?*  
John Dorken, British Rubber and Polyurethane Products Association Limited (BRPPA)
- 12:00 *Elastomer Properties for Finite Element Analysis*  
Gary Howe, Independent Polymer Technology Ltd
- 12:45 Lunch, with FEA demonstrations by Independent Polymer Technology Ltd
- 14:00 *Rubber-Steel Laminated Structures*  
Alan Muhr, Tun Abdul Razak Research Centre (TARRC)
- 14:45 *Effect of processing on the properties of rubber*  
Fred. Ngolemasano, Smithers Rapra
- 15:30 Coffee & Tea
- 15:45 *Starch-based fillers for the rubber industry*  
Jane Clarke, Loughborough University
- 16:30 *Why devulcanize?*  
Bob Kind, Polymer Recyclers Ltd
- 17:15 Final Q & A
- 17:30 MPG AGM (IOM<sup>3</sup> members cordially invited to attend)

Registration: £60 Non-Institute members, £30 members. Contact Jan Czarski on 0161 969 6355; 07971 443354; [jan.czarski@iom3.org](mailto:jan.czarski@iom3.org)

### Manchester Polymer Group

The Manchester Polymer Group (MPG) is a local society affiliated to the IOM<sup>3</sup>, focusing on meeting the needs of its membership with polymer interests in the North West. It exists to advance and develop all aspects of science, engineering, technology and design as applied to the development, processing, application and sustainability of polymeric materials. The MPG also promotes and supports the education, training and practice in the polymer disciplines and disseminates knowledge relating to polymers within its boundaries. It aims to support its members in career development, provide opportunities for networking and promote the benefits of membership of the Institute. See [www.manchesterpolymergroup.org.uk](http://www.manchesterpolymergroup.org.uk).