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ITPE thermo plastic elastomers 2010

The Thirteenth International Conference on Thermoplastic Elastomers

26 - 27 October, Cologne



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TPE 2010

thermo plastic
elastomers

The Thirteenth International Conference on Thermoplastic Elastomers

Back by popular demand and now in its thirteenth year, Europe's premier international conference for the thermoplastic elastomer industry returns to Cologne on 26-27 October.

Despite the global recession, TPE materials continue to show healthy growth, with global demand forecast to grow at 6% per year to 2013, reaching 4.2 million tonnes (source Freedonia Group), largely due to their unique combination of elastomeric properties with thermoplastic processibility and recyclability.

With the world economy now growing and consumer confidence improving, the demand for higher performance TPEs is set to once again drive technical product developments - this is the place to hear about them. TPE2010 will be packed with new and exciting developments in markets, materials, additives and applications. As you would expect, the situation with TPE markets in a post recession world will be reviewed, together with a look at alternative TPE technologies to keep the European industry ahead of the game.

Programme highlights include a review of styrenic TPE with improved compression set for sealing applications, a new TPE with high vibration damping characteristics and high performance TPE compounds suitable for medical/pharmaceutical use. New processing techniques for compounding TPVs together with new TPVs for automotive applications and the UV performance of TPVs will also be amongst the topics for discussion.

This year's conference will be the perfect complement to the world renowned K International Trade Fair for Plastics and Rubber which takes place in nearby Düsseldorf during the same week. Why not take advantage of our specially negotiated accommodation rates at the Cologne Marriott Hotel – only available to registered TPE2010 delegates – and stay on to attend K.

Sponsorship & Exhibition

A limited number of cost effective sponsorship opportunities are available to maximise your corporate profile at this important event. For further information please contact Alix Reeves, areeves@ismithers.net.

Conference Language

Please note that the conference will be conducted in English.

Conference Venue

Cologne Marriott Hotel,
Johannistrasse 76-80,
Cologne,
Nordrhein-Westfalen 50668,
Germany
Telephone: + 49 221 942220

Cologne, the international trade fair and media city on the Rhine, has a lot to offer, not only for business travellers. From the cathedral and the historic, atmospheric town centre to the numerous museums, galleries and cultural facilities, Cologne has something for everyone. The Cologne Marriott Hotel is located just a few minutes' walk from the Cologne main train station and the world-famous Cologne Cathedral.



Accommodation

We are holding a number of rooms at the Cologne Marriott Hotel at a specially negotiated rate. Accommodation booking forms will be sent with your joining instructions on receipt of your completed conference registration form.

For further assistance please contact conferences@ismithers.net

Early Registration Offers

Register before 20 August 2010 to take advantage of the special Early Bird Discount registration fee.

Companies sending one or two delegates

€799 + VAT @19% per delegate before 20 August 2010
€1099 + VAT @19% per delegate after 20 August 2010

Companies sending three or more delegates

€699 + VAT @19% per delegate before 20 August 2010
€999 + VAT @19% per delegate after 20 August 2010

Registration includes a copy of the proceedings, lunches and refreshments during the day. The cost of accommodation is not included in the delegate registration fee.

iSmithers has been organising world class technical conferences for the polymer and related industries for over 30 years. Drawing authorities from industry and academia, conferences offer the ideal forum to hear original, pioneering technical papers and meet and exchange ideas with like-minded peers from across the world. With topics spanning the latest developments in rubber and plastics technology, legislative changes and market trends, iSmithers conferences continue to attract over 1,200 senior technical executives and decision makers per year.

Conference Agenda

Tuesday 26 October

08.30 COFFEE AND REGISTRATION
09.25 Welcome and Introduction to TPE 2010

Session 1: Commercial Aspects of TPEs

09.30 TPEs in a post recession world
Roger Young, Robert Eller Associates LLC, USA

10.00 Alternative TPE compositions and technologies – keeping the European TPE industry ahead of the game
Patrick Ellis, Patrick Ellis Consultants, France

Session 2: TPE Developments

10.30 The growth of TPEs in window seals
Tolga Sarikahya, Elastron Kimya A S, Turkey

11.00 COFFEE

11.30 High molecular weight TPE material with damping and barrier properties
Dr Dirk Kilian, Kuraray Europe GmbH, Germany

12.00 Advances in TPE compounds
Kevin Peach, AlphaGary Ltd, UK

12.30 Medical grade thermoplastic elastomers
Niklas Ottosson, Elasto, Sweden

13.00 LUNCH

Session 3: TPOs

14.15 The science of formulating olefin block copolymers
Lisa Madenjian, Jose M Rego, Ashish Batra, Gloria Stucchi, Filip Tauson & Kim Walton, The Dow Chemical Company, Switzerland

Session 4: TPVs

14.45 New TPV for automotive application combining high productivity and surface aesthetics
Hermann-Josef Holz, ExxonMobil Chemical Central Europe, Germany & Eric Jourdain, ExxonMobil Chemical, USA

15.15 COFFEE

15.45 Modern extrusion technology for TPE-V production
Charles Martin, Leistritz Extrusionstechnik GmbH, Germany

16.15 Production of thermoplastic elastomers in internal mixers
Dipl-Ing Hannah Köppen & Prof Dr-Ing Dr-Ing E h W Michaeli, Institute for Plastics Processing at RWTH Aachen University (IKV), Germany

16.45 END OF DAY ONE

18.30 EVENING DRINKS RECEPTION

Please note: The conference organisers reserve the right to modify or change the above programme if necessary.

Wednesday 27 October

09.00 COFFEE

Session 5: TPUs

09.30 Inelasticity of hard phase reinforced elastomers: a study of copolyurethanes with varying hard and soft segments
Dr Cristina Prisacariu & Dr Elena Scortanu, Institute of Macromolecular Chemistry, "Petru Poni" Iasi, Romania

10.00 Thermoplastic polyurethane with excellent durability
Yuusuke Tanaka, Kuraray, Japan & Dr Dirk Kilian, Kuraray Europe GmbH, Germany

Session 6: Copolyamide TPE

10.30 How a 'pinch' of PEBA can enhance your recipe
Dr Frédéric L G Malet, Arkema, France

11.00 COFFEE

Session 7: TPE Additives

11.30 Foaming of TPE materials with thermoplastic expandable microspheres
Lena Jönsson, Eka Chemicals AB, Expancel; Niklas Ottosson, Elasto, Sweden & Jacques Horrion, Lubrizol, Belgium

12.00 Halogen free flame retardants and laser marking additives for TPE
Dr Thomas Futterer, & Dr Hendrik Wermter, Chemische Fabric Budenheim KG, Germany

Session 8: Processing TPEs

12.30 TPE pelletizing – the positive answers to a real challenge
Dr Horst Mueller, Dipl-Ing (FH) Jaroslaw Boczon & Frank Gloeckner, Automatik Plastics Machinery GmbH, Germany

13.00 Processing of thermoplastic elastomers with vertical injection machines
Peter Vogl, LWB Steintl GmbH & Co KG, Germany

13.30 LUNCH AND CLOSE OF CONFERENCE

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Registration includes a copy of the proceedings, lunches and refreshments during the day and an evening drinks reception.

Wallet Service:
€750 + VAT at 19% (Insertion of one pen or brochure, up to 6 A4 pages, in every delegate conference bag)

Tabletop Exhibition:
From €2000 + VAT at 19% (includes one delegate place)

Members Discount:
Rapra Members are entitled to a further discount off the standard registration fee.

If you have a Promotional Code please enter it here

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Cancellation Terms By completing and returning this form delegates are agreeing to be bound by the cancellation terms and conditions of registration. Substitutions can be made at any time, please inform us in writing prior to the conference. If you wish to cancel your registration please do so in writing. A full refund less 20% administration fee will be applicable 28 days before the conference. Cancellations received after this time will be liable for the full registration fee.

Return to:
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