

Latex & Synthetic Polymer Dispersions

International Conference on Latex and
Latex-based Products

2012

13-14 March 2012

KL Concorde Hotel, Kuala Lumpur

Day 2 SOLD OUT!

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Latex & Synthetic Polymer Dispersions 2012

13-14 March 2012

The iSmithers and Smithers RAPRA's seventh international Latex & Synthetic Polymer Dispersions conference comes to Kuala Lumpur in 2012. This conference provides a unique opportunity to join fellow leaders in the field of latex, polymer dispersions, emulsion polymerisation and allied companies. Here you can debate the issues at the heart of the industry, listen to novel and original technical papers and network with colleagues in the rubber and allied industries.

Come and catch up on the latest developments in latices from different botanical sources, and learn how nanotechnology is being employed within the industry. Hear Ansell talk about their synthetic polyisoprene condoms and their antimicrobial surgical glove; learn how polyurethane dispersions are being used to make gloves, how nitrile latices can be photochemically crosslinked and new ways in which natural rubber latex can be characterised. From the preparation of the raw materials to the way in which finished product standards are applied, this conference will cover the whole range of the latex and polymer dispersion industries.

The previous Smithers Rapra conferences on latex and synthetic polymer dispersions have attracted acclaim for the breadth and quality of the programme: this one promises to maintain the standard.

We look forward to welcoming you to Kuala Lumpur!



Discount for Local Delegates

To encourage local attendance at this event, there is a special rate of \$500 per delegate for registrations from wholly Asian-owned companies. Proof of status may be required. Please quote code **A1** when making your booking to receive this special rate.

Early Registration Offers

Register before **9 January 2012** to take advantage of the special Early Bird Discount registration fee.

SPECIAL DISCOUNTED RATE: DAY 1 ONLY

\$660 per delegate for 13 March 2012

Companies sending one or two delegates

\$950 per delegate before 9 January 2012

\$1100 per delegate after 9 January 2012

Companies sending three or more delegates

\$850 per delegate before 9 January 2012

\$1000 per delegate after 9 January 2012

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.

Conference Venue

KL Concorde Hotel

2 Jalan Sultan Ismail
Kuala Lumpur
50250
Malaysia
Tel: +603 2144 2200
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An hour's drive from Kuala Lumpur International Airport (KLIA), KL Concorde Hotel Kuala Lumpur is located in the golden triangle of Kuala Lumpur, amidst the bustling business district and major tourist attractions. It is a 10-minute drive from Putra World Trade Centre. Within walking distance is the Malaysia Tourism Center (MaTiC), Suria KLCC Shopping Centre, Petronas Twin Towers, Kuala Lumpur Convention Centre and Kuala Lumpur Tower.

Accommodation

We are holding a number of rooms at the KL Concorde 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 Sharon Garrington, email: sgarrington@ismithers.net.

Sponsorship & Exhibition

A limited number of cost-effective sponsorship opportunities are available to promote your products and/or services to a highly targeted audience. Starting from as little as \$1000 for a wallet service this is an ideal opportunity to maximise your company's profile at one of the industry's leading events. For further information please contact Helen Charlesworth, tel: +44 (0)1939 250383, email: hcharlesworth@ismithers.net.

For Further Information

Please contact Helen Charlesworth or Sharon Garrington, tel: +44 (0)1939 250383, fax: +44 (0) 1939 251118 email hcharlesworth@ismithers.net, sgarrington@ismithers.net or visit www.polymerconferences.com.

About the Organisers

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 13 March

08.15 COFFEE AND REGISTRATION

09.00 Welcome and Introduction to Latex & Synthetic Polymer Dispersions 2012

Session 1: Naturally Occurring Latices – Properties and Applications

09.10 Natural rubber latex industry – then and now
No Dock Moung, International Rubber Study Group

09.40 Biological and physical properties, and performance of latices from different botanical sources and effectiveness of some biobased fibers and fillers
Prof Katrina Cornish, J Lauren Slutsky & Richard S Kamenik, The Ohio State University Ohio Agricultural Research and Development Center, USA

10.10 New developments in the characterization of natural rubber latex
Justo Braseró & Dr J L Valentín, CSIC, Spain

10.40 Q & A SESSION

11.00 COFFEE AND NETWORKING

11.30 Effect of natural starch on mechanical and biodegradation properties of natural rubber latex (NRL) films
M M Afiq & A R Azura, Universiti Sains Malaysia

12.00 Effect of gamma radiation induced gel content of NR latex in quality improvement of radiation vulcanised natural rubber latex and high styrene content styrene butadiene copolymer latex blends
Dr Rosamma Alex, I John Brito, Valsa George, Susamma Joseph, Benny George & Sadeesh Babu P S, Rubber Institute of India

12.30 Q & A SESSION

12.45 LUNCH AND NETWORKING

Session 2: Synthetic Latices – Properties and Preparation

14.00 Latices from renewable sources – carbohydrates as multifunctional additives in emulsion polymerisation processes
Dr Joachim Storsberg & Prof André Laschewsky, Fraunhofer IAP, Germany

14.30 New developments in emulsion polymerization and synthetic latices
Prof Chee C Ho, Universiti Tunku Abdul Rahman, Malaysia

15.00 Q & A SESSION

15.15 COFFEE AND NETWORKING

15.45 Accelerator free cross-linking of XNBR-latex using UV techniques
Dietmar Lenko & Sandra Schlögl, Polymer Competence Center Leoben GmbH; Raimund Schaller & Armin Holzner, Semperit Technische Produkte GmbH; Wolfgang Kern, Polymer Competence Center Leoben GmbH, University of Leoben, Institute of Chemistry of Polymeric Materials, Austria

16.15 A synthetic polyisoprene latex condom
Adeline Kung Ai Lin, Chintana Netrung, Sugath Amarasekera, David Lucas, Beng-Sim Chuah, Ansell, Malaysia

Session 3: Nanotechnology in Latex and Synthetic Polymer Dispersions

16.45 Nanofillers in latex condoms
Dr Abi Santhosh Aprem, HLL Lifecare, Ltd, India

17.15 Q & A SESSION

17.30 END OF DAY ONE

18.15 EVENING SOCIAL EVENT

Wednesday 14 March

08.00 COFFEE AND HOTEL CHECK-OUT

Session 3: Nanotechnology in Latex and Synthetic Polymer Dispersions (continued)

08.30 Polymer latex nanocomposites: recent advances
Prof Dr Sabu Thomas, Mahatma Gandhi University Kottayam, India

09.00 Nano-dispersions in latex technology
Siby Varghese, Rubber Research Institute of India

09.30 Effect of nanoclay on the properties of natural rubber (NR) and carboxylated styrene butadiene rubber (XSBR) latices: a comparison
Ranimol Stephen, St. Joseph's College, & Sabu Thomas, Mahatma Gandhi University, India

10.00 Q & A SESSION

10.15 COFFEE AND NETWORKING

Session 4: Gloves

10.45 World's first surgical glove with antimicrobial coating on inside surface
Dr Eng Aik Hwee, Kuang Leng Lim, Lok Si Tang & David M Lucas, Ansell Shah Alam, Malaysia

11.15 Polyurethane dispersion gloves applications: functional and eco-friendly
Rolf Irnich, ASEAN, China & Geetha Arumugam, ASEAN, Singapore

12.00 A review of synthetic latices in surgical glove use
Bert Krutzer, Marianne Ros, Joris Smit & Wouter de Jong, Kraton Innovation Center Amsterdam, The Netherlands

12.30 Q & A SESSION

12.45 LUNCH AND NETWORKING

Session 5: Standards and Regulations

14.00 ISO 4047, the international standard for latex condoms, past, present and future
Dr William D Potter, Stapleford Scientific Service Limited, UK

14.30 Regulatory requirements in the EU for latex products
Satish Champaneri, BSI, UK

15.00 Development of an ASTM standard for quantifying guayule proteins
Dr David Kostyal, Dr Katrina Cornish & Kelly Horton, Akron Rubber Development Laboratory Inc, USA

15.30 Q & A SESSION

15.45 CLOSE OF PROCEEDINGS

Conference Language

Please note that the conference will be conducted in English. Programme correct at time of going to print. The conference organisers reserve the right to modify or change the above programme if necessary.

PLEASE PRINT CLEARLY

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- Wallet Service:**
\$1000 (Insertion of one pen or brochure, up to 6 A4 pages, in every delegate conference bag)
- Tabletop Exhibition:**
From \$3000 (includes one delegate place)
- Members Discount:**
Rapra Members are entitled to a further discount off the standard registration fee.

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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:

Sharon Garrington, Conference Department,
 Smithers Rapra, Shawbury, Shrewsbury, Shropshire,
 SY4 4NR, United Kingdom.

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