

International Conferences for Rubber & Tire Industries

@ Rubber Technology Expo 2012, Bangkok, Thailand
(www.rubbertechnology-expo.com)

**Rubber
Compounding
Asia 2012**

International Conference on Rubber Compounding

5-6 March 2012, BITEC, Bangkok, Thailand
at Bangkok International Trade & Exhibition Center (BITEC)

International Conference on Tire Manufacturing Technology

7-8 March 2012, BITEC, Bangkok, Thailand
at Bangkok International Trade & Exhibition Center (BITEC)

**Tire
Industry
Tech 2012**

**Rubber
Markets 2012**

International Conference on Rubber Industry Market Outlook

9 March 2012, BITEC, Bangkok, Thailand
at Bangkok International Trade & Exhibition Center (BITEC)

Event Language: ENGLISH

Organized by

**Rubber
Industry
Academy
@TechnoBiz**

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TECHNICAL PROGRAM

5 MARCH 2012 (Monday)

- 08.00 -09.00 Registration
09.00 -09.15 Opening Remarks

Session 1 : Developments in Rubber Raw Materials

- 09.15 -09.45 **Butyl Ionomers: A New Generation of Butyl Rubber Polymers**
*Dr. Dana Adkinso, Senior Research Scientist
LANXESS Inc, Canada*
- 09.45 -10.15 **The Use of Polyolefin Elastomers in Crosslinked Applications**
*Dr. Tim Clayfield
Dow Performance Plastics, Switzerland*
- 10.15 -10.45 Coffee / Tea Break
- 10.45 - 11.15 **Re-Capsulation of Styrene Butadiene Styrene (SBS), Styrene Butadiene (SB) with X-Linking Agent for Asphalt Modification**
*G. Mohammed Memon, President
Phaltech Corporation, USA*
- 11.15 -11.45 **Adhesion of TPE to Rubber**
*Manuela Gehringer
Alloed Werkstoff GmbH & Co. KG, Germany*
- 11.45 - 12.15 **Preparation and Characterization of Filled Electrically Conductive Silicone Rubber Composites**
*Dr. Aparna M Joshi
University of Pune, India*
- 12.15 -13.30 Lunch Break

Session 2: Developments in Rubber Fillers / Oils

- 13.30 - 14.00 **Storage Instability of Natural Rubber filled with Fly Ashes**
*Dr. Chakrit Sirsingha, Associate Professor
Research and Development Centre for Thai Rubber Industry (RDCTRI), Mahidol University, Thailand*
- 14.00 -14.30 **New Highly Efficient Filler Systems - Modified Hollow Carbon Fiber Masterbatches**
*Joachim Kiesekamp
Styron Deutschland GmbH, , Germany*
- 14.30 -15.00 **New Generation Environment Friendly Oils for Rubber industry to meet EU Regulations**
*Mehul Patel
Sah Petroleum Limited, India*
- 15.00 -15.30 Coffee / Tea Break

Session 3 : Rubber Curatives / Processing Additives

- 15.30 - 16.00 **New Curatives for High Performance Elastomers**
Dr. M. Saewe, Rhein Chemie, Germany
- 16.00 -16.30 **Advantages of Organic Peroxide in Rubber Crosslinking & Scorch Protection (SP2) Technology for improved productivity**
Rajarshi Chakrabarti, Application & Technical Development, Arkema Peroxides India Pvt. Ltd., India
- 16.30 - 17.00 **Nitrosamine free solution for ETU replacement in Polychloroprene Rubber**
Isabelle Yarzabal, Application & Development Laboratory Manager, MLPC International, France
- 17.00 -17.30 Technical Discussion
"Technical Challenges of Rubber Compounders"

6 MARCH 2012 (Tuesday)

Session 4: Laboratory / Compounding Management

- 09.15 -09.45 **The Creation and Management of Knowledge within the Rubber Compounding Industry**
J R Patel, UK
- 09.45 -10.15 **Advantage of Rubber Compound Development with a PC - Program.**
Dr. Hans-Joachim Graf, WOCO, Germany
- 10.15 -10.45 **Laboratory Information Management System (LIMS) as a Tool for Knowledge Management**
Thomas Rauschmann, Scarabaeus, Germany
- 10.45 - 11.15 Coffee Break

Session 5: Developments in Rubber Processing

- 11.15 - 11.45 **A Novel Approach on preparation of Acrylonitrile - Butadiene Rubber -Nano Polymer Nano Composites using Liquid NBR as dispersion media**
K.Rajkumar, Indian Rubber Manufacturer's Research Association, India
- 11.45 -12.15 **Planetary Extruder, one step Mixing to Continuous Rubber Compounding**
Michael Batton, ENTEX Rust & Mitschke GmbH, Germany
- 12.15 -13.30 Lunch Break

- 13.30 -14.00 **Continuous Rubber Recycling using a Co-rotating Twin Screw Extruder**
Dr. Alessandro GALLO, F.lli MARIS Spa, Italy
- 14.00 -14.30 **Improvement of Material and Energy Efficiency – A Holistic View on the Injection Molding**
Martin Schuermann, Desma, Germany

- 14.30 – 15.00 **EFE – A New Rubber Injection Technology, Which Open New Possibilities**
Peter Vogl, LWB-Steinl, Germany
- 15.00 -15.30 Coffee / Tea Break
- 15.30 -16.30 Technical Discussion
“Technical Challenges of Rubber Compounders & Processors”

Remark: All the presentations will be in ENGLISH Only.



International Conference on Tire Manufacturing Technology

7-8 March 2012, BITEC, Bangkok, Thailand
at Bangkok International Trade & Exhibition Center (BITEC)

TECHNICAL PROGRAM

7 MARCH 2012 (Wednesday)

- 08.00 - 09.00 Registration
- 09.00 -09.15 Opening Remarks

Session 1 : New Materials for Tires

- 09.15 -09.45 **Development of modified expanded graphite filled SSBR vulcanizates in presence and absence of carbon black for automobile tire tread applications**
Prof. C. K. Das, IIT Kharagpur, INDIA
- 09.45 -10.15 **Combining a functionalised SSBR with a surface modified Carbon Black to give 'green tire' performance at reduced cost**
Mr. Lim Yew Swee, Chief Representative, Lanxess Pte Ltd, Singapore
- 10.15 -10.45 **Novel Functionalized Synthetic Rubbers for Tire Applications**
Dr. Sven Thiele, Synthetic Rubber R&D, Styron Deutschland GmbH, Germany
- 10.45 -11.15 Coffee Break

Session 2: Filler / Oil in Tire Applications

- 11.15 -11.45 **Hi-Performance Cost Effective Nanofiller to Substitute Carbon Black**
Subhasis Chatterjee, DGM, 20 Microns Nanominerals Ltd., India
- 11.45 -12.15 **Using Sulfron to Improve Rolling Resistance, Mileage and Durability of Tires**
Nico Huntink, Teijin Aramid BV, the Netherlands
- 12.15 -13.30 Lunch Break

Session 3: Developments in Processing Additives

- 13.30 – 14.00 **Process Additives - a Positive Contribution towards Green Tire Performance and Process ability**
Colin Clarke, Schill + Seilacher "Struktol" GmbH, Germany
- 14.00 -14.30 **Novel Zinc free Processing Promoter for Silica Compounds in Tire Manufacturing**
Kishor Katkar, Head of Technical Services, LANXESS, Germany
- 14.30 -15.00 **Improving Silica-tyre Tread Performance without Processing Issues**
Dr. M. Saewe, RheinChemie, Germany
- 15.00 -15.30 Coffee / Tea break

Session 4 : Tire Performance / Testing

- 15.30 -16.00 **The Impact of Earth's Gravity on Generalized Tire Traveling Test (Drum Method)**
Xun Chen(Mr.), General Manager, Shantou Haoda Tire Test Equipment Co., Ltd, China
- 16.00 -16.30 **Tire traction mechanisms on rough surfaces – Experiment and Simulation**
Stefan Ripka, Institute of Dynamics and Vibration Research, Leibniz Universitaet Hannover, Germany
- 16.30 -17.00 **Retreading of Tires – Technology, Economics and Environmental Friendliness**
Bireswar Banerjee, India
- 17.00 -17.30 Technical Discussion
“Technical Challenges of Tire Manufacturers”

8 MARCH 2012 (Thursday)

**Session 5: Laboratory Management
/ Compound Development**

- 08.30 -09.00 **Laboratory Information Management Systems (LIMS) as a Tool for Knowledge Management**
Thomas Rauschamann, Scarabaeus, Germany
- 09.00 -09.30 **Simulation Tools in Tire Compound Development using Compounding Database**
Dr. Hans-Joachim Graf, WOCO, Germany
- 09.30 -11.00 **Coffee Break
Opening Ceremony of
"Rubber Technology Expo 2012"**

Session 6: Filler / Oil in Tire Applications

- 11.00 -11.30 **Improved Rolling Resistance with Naphthenic Black Oil**
Dr. Markus Hoffmann, Nynas AB, Sweden
- 11.30 -12.00 **NXT Silanes can Improve Tire Rolling Resistance**
Raymond Chan, Regional Marketing Manager, Momentive Performance Materials, Singapore

Remark: All the presentations will be in ENGLISH Only.

- 12.00 -12.30 **Influence of Plasticizers in Tire Manufacturing Process**
Jürgen Trimbach, Head of R & D Hansen & Rosenthal, Germany
- 12.30 -13.30 Lunch Break

Session 7 : Mold Release Agents / Asphalt / Rubber Testing

- 13.30 – 14.00 **Selection of Temperature, Frequency and Strain Test Conditions for Rheological Measurements to Improve Rubber Testing**
John Dick, Alpha Technologies, USA
- 14.00 -14.30 **Increased Productivity & Cost-Saving Benefits for Tire Production Utilizing Water-based Mould Coatings**
Ian Snowdon , Marbocone Ltd, UK
- 14.30 – 15.00 **Hyberdized Modified Asphalt (HMA) With Enhanced PG Plus Characteristics**
G. Mohammed Memon , President, Phaltech Corp., USA
- 15.00 -15.30 Coffee Break
- 15.30 -16.30 **Panel Discussion
"Tire Industry Challenges"**
(Moderator: Louis Rumao, Rubber Industry Consultant, USA)

International Conference on Rubber Industry Market Outlook

9 March 2012, BITEC, Bangkok, Thailand

at Bangkok International Trade & Exhibition Center (BITEC)

**Rubber
Markets 2012**

Program Outline

- 08.00 - 09.00 Registration
- 09.00 - 09.15 Welcome Remarks
- 09.15 - 09.45 **Thailand Rubber Product Industry – Outlook and Challenges**
Dr. Chayo Trangadisaiikul, Chairman, Rubber Industry Club, Federation of Thai Industries (FTI), Thailand
- 09.45 - 10.15 **Rubber Markets: Reliability and Responsibility**
Howard Evans, Secretary General European Rubber Trade Association , UK
- 10.15 -10.45 Coffee/Tea Break
- 10.45 -11.15 **Vietnam Rubber Industry – Outlook, Challenges and Perspectives**
Dr. Tran Thi Thuy Hoa, Secretary General Vietnam Rubber Association (VRA), Vietnam
- 11.15 -11.45 **Global Natural Rubber (NR) Supply & Demand – Trends**
Jom Jacob, Sr. Economist Association of Natural Rubber Producing Countries (ANRPC), Malaysia
- 11.45 – 12.15 **Rubber Futures as a Risk Management Tool**
Banyat Nithiuthai, Specialist Agricultural Future Exchange of Thailand (AFET), Thailand
- 12.15 – 13.30 Lunch Break
- 13.30 – 14.00 **Indian Rubber Industry – Outlook & Challenges**
Vinod Simon, President All India Rubber Industries Association, India
- 14.00 -14.30 **ASEAN Non-Tire Auto Rubber Markets – Outlook**
Hajime Yamamoto, Director, IHS Thailand
- 14.30 – 15.00 **IRCO Towards 2021**
Yium Tavarolit, Chief Secretary & Economist, International Rubber Consortium Ltd. (IRCO)
- 15.00 – 15.30 Coffee / Lunch Break

15.30 – 16.00	Latest Trends in Synthetic Rubber Feedstock Markets <i>Samuel Liew Loong Wei</i> , Market Advisory - Olefins & Elastomer, Asia Chemical Market Associates, Singapore	16.30 – 17.00	Trends in European Natural Rubber Markets <i>Howard Evans</i> , Secretary General European Rubber Trade Association, UK
16.00 -16.30	Crystal-Gazing into Natural Rubber Prices in the Short and Medium Term: What are the Key Drivers <i>Jom Jacob</i> , Sr. Economist Association of Natural Rubber Producing Countries (ANRPC), Malaysia		

Remark: All the presentations will be in ENGLISH Only.

Training Programs at Rubber Technology Expo 2012

Following Technical Training Programs will be organized at Rubber Technology Expo 2012. For the detailed information on following programs, kindly download program brochure at www.rubbertechnology-expo.com.

Special Injection Runner Design Techniques for Rubber Molders

8 March 2012, BITEC, Bangkok, Thailand

Instructor: Dr. Van Walworth, USA

(1.30 pm to 5 pm) (Half-Day Program)

How to Reduce Rubber Compound Cost?

8 March 2012, BITEC, Bangkok, Thailand

Instructor: Dr. Hans Joachim Graf, Germany

(1.30 pm to 5 pm) (Half-Day Program)

Flashless / Wasteless Rubber Molding

9 March 2012, BITEC, Bangkok, Thailand

Instructor: Dr. Van Walworth, USA

(9 am to 5 pm) (Full Day Program)

Chemical, Physical & Analytical Testing of Rubber Products

9 March 2012, BITEC, Bangkok, Thailand

Instructor: Dr. P Thavamani & Raj Kumar, India

(9 am to 5 pm) (Full Day Program)

Design of Experiments (DOE) Case Studies for Rubber Industries

9 March 2012, BITEC, Bangkok, Thailand

Instructor: Dr. Hans Joachim Graf, Germany

(1.30 pm to 5 pm) (Half-Day Program)

Design and Development of Rubber Products for New Generation Automobiles

10 March 2012, BITEC, Bangkok, Thailand

Instructor: Dr. P Thavamani & Raj Kumar / India

(9 am to 5 pm) (Full Day Program)

Remark: The organizer reserves the right to modify the program agenda as appropriate without prior notification.

Registration Form – Conferences for Rubber Industries

5-9 March 2012, BITEC, Bangkok, Thailand

(Kindly fill all the information in ENGLISH. Please use additional forms for multiple registrations)

We would like to register following programs

	Conference Name	Registration Fee, US\$ /Person
<input type="radio"/>	Rubber Compounding Asia 2012 (5-6 Mar'2012)	500 US\$
<input type="radio"/>	Tire Industry Tech 2012 (7-8 Mar'2012)	500 US\$
<input type="radio"/>	Above Both Events (5-6 Mar'2012 & 7-8 Mar'2012)	900 US\$
<input type="radio"/>	Rubber Markets 2012 (9 Mar'2012)	300 US\$
<input type="radio"/>	All the events (5 -9 Mar'2012)	1,100 US\$

Company Name

Address

..... Country Zip.....

Contact Person Mobile..... Email

Participant Names:

Participant 1 : Position Email.....

Participant 2 : Position Email.....

Participant 3 : Position Email.....

Participant 4 : Position Email.....

Participant 5 : Position Email.....

Remarks: The registration fee includes conference documentation, lunch and refreshments.

Group Registration – 10% discount will be offered for the group of 3 or more than 3 delegates registers for the same program from the same company. If 5 delegates join same program from the same company, 6th person participation is FREE.

Payment Method:

Bank Transfer to *A/C Name:* TechnoBiz Communications Co., Ltd.; *A/C No:* 010-431690-5
Bank Name: Siam Commercial Bank, *Bank Address :* Lat Phrao Soi 59 Branch, Bangkok, Thailand
Swift Code: SICOTHBK (Kindly pay all the bank charges)

Credit Card Visa Master Card

Credit Card Number Cardholder Name.....

Card Expiry Date..... Last 3 Digits on Signature Panel

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Please send registration form to

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