



Asia Pacific Elastomer Science & Technology

APEST CONFERENCE & EXHIBITION 2011

SUSTAINABILITY – TOWARDS A VIBRANT ECOFRIENDLY RUBBER INDUSTRY

19 ► 21 July 2011

Sofitel Centara Grand, Bangkok, Thailand



The exponential rise of concern, especially among the developed nations, for the environment, health and safety will have significant impact on the future development and viability of the various segments of the Rubber Industry in Asia.

APEST (Asia Pacific Elastomer Science and Technology) has established itself as a leading forum for updating on the latest developments and innovations in elastomer science and technology and appraising the industry of issues and challenges pertaining to environment, health, safety and regulatory requirements. The APEST Conference and Exhibition is a hallmark event attracting the best professional talent in the industry to openly discuss issues that will enable the increasingly Asia-centric Rubber Industry to maintain its fast paced expansion as suppliers of rubber and rubber products globally.

The APEST 2011 Conference therefore will have as its primary focus advancements in rubber technology to ensure the sustainable development of the industry and simultaneously addressing global concerns on the environment. A number of innovative materials and "green" approaches have emerged in raw materials, processing, machinery and manufacturing practices that are in compliance with the exacting demands of sustainability.

The Conference will feature presentations from an array of 25 international technical experts from various disciplines who will share their knowledge on science and technology appropriate for the future needs of the rubber industry. Some participants and exhibitors associated with the global rubber industry are expected to attend this event.

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THE COMPLETE MAGAZINE ON RUBBER



Asia Pacific Elastomer Science & Technology

APEST ANNUAL CONFERENCE AND EXHIBITION 2011

SUSTAINABILITY - TOWARDS A VIBRANT ECOFRIENDLY RUBBER INDUSTRY

19 - 21 July 2011 Sofitel Centara Grand, Bangkok, Thailand

Day 1 Tuesday 19th July, 2011

- 07:30 APEST 2011 Registration Opens
- 08:00 Exhibition Opens
- 08:30 Arrival of Distinguished Guests and Delegates

OPENING CEREMONY

- 08:40 **Arrival of Guest of Honor**
- 09:45 **Introductory Remarks**
By: Dr. Sanit Samosorn, Chairman of APEST 2011 Organising Committee
- 09:55 **Welcome Address :**
By: Dr. Pongsak Kerdwongbundit
President Thai Rubber Association
: Mr. Vinod Simon, President, All India Rubber Industries Association
: Mr. Shen Jin Rong, President, China Rubber Industries (CRIA), Tire Branch
- 10:05 **Inaugural Address and Launch of APEST 2011 Conference & Exhibition**
By: The Hon. Prime Minister of Thailand
- 10:20 **Presentation of Souvenirs to Sponsors**
By: The Hon. Prime Minister of Thailand
- 10:30 **Refreshments Break**

PLENARY SESSION : Sustainable Development of the Rubber Industry

Session Chairman : Dato' Henry Sackville Barlow, Director, Sime Darby Plantation, Sdn. Bhd., Malaysia

11:00 Paper 1: Overview-Sustainability Issues in Agricultural Development

By: Dr. Ulrich Hoffman, Head of the Trade and Sustainable Development Section, UNCTAD, Geneva



11:30 Paper 2: Natural Rubber is an Eco-friendly Polymer

By: Datuk Dr. Salmiah Ahmad, Director-General, Malaysian Rubber Board (MRB), Malaysia



12:00 Paper 3: Good Agricultural Practice in Rubber Development

By: Mr. Jirakorn Kosaisewee, Director-General, Department of Agriculture (DOA), Thailand



12:30 Paper 4: Strategy, Production and Replanting Trends In Thailand

By: Mr. Wit Pratuckchai, Director-General, Office of the Rubber Replanting Aid Fund (ORRAF), Thailand



13:00 Lunch Break

SESSION II : Advances in Latex Technology

Session Chairman : Dato' Dr. E.L.Ong, Chairman, ISO/TC 157-Mechanical Contraceptives

14:00 Paper 5: Advances in xNBR Latex Design and Modes of Crosslinking for Synthetic Glove Dipping Applications

By: Dr. Andrew Kells, Head of Technology, Synthomer Ltd.



14:30 Paper 6: Properties of No-Ammonia, Ultralow Protein NR Latices and their Pre-vulcanised Compounds

By: Mr. Viswanath Pai and Mr. Joseph John, General Manager, KA Latex, India



15:00 Paper 7: Minimizing Cost of Operation of Latex Centrifuges

By: Mr. Erik Tornroth, Regional Sales Manager, GE Westfalia Separator (S.E.A.) Pte. Ltd., Singapore



15:30 Refreshments Break

SESSION III : Global Dynamics of Production and Consumption

Session Chairman : Mrs. Sheela Thomas, Chairperson, Rubber Board of India

16:00 Paper 8: New Dynamics, Production, Consumption and Sustainability in Vietnam Rubber Industry

By: Dr. Tran Thi Thuy Hoa, Secretary General, Vietnam Rubber Industry



16:30 Paper 9: Global Supply of Natural Rubber : Emerging Trends and Outlook Across Producing Countries

By: Mr. Jom Jacob, Senior Economist, Association of Natural Rubber Producing Country (ANRPC)



17:00 Paper 10: Indian Rubber Industry : An Overview

By: Mr. Vinod Simon, President of All India Rubber Industries Association



18:00 - 22:30 Networking Cocktail Reception

Day 2 Wednesday 20th July, 2011

08:00 Exhibition Opens

SESSION IV : Smart Polymers and Emerging Technologies in Tire and Automotive Products

Session Chairman : Mr. Zachariah George, India

09:00 Paper 11: Green Smart Polymers - Ekoprena

By: Dr. Zairossani Mohd Nor, Head of the Processing and Pollution Research Unit, Malaysian Rubber Board



09:30 Paper 12: Tyre Technology Developments in China

By: Mr. Shen Jin Rong, Chairman & President, Hangzhou Zhongce Rubber Co., Ltd, China



10:00 Paper 13: CDM Potential for Sustainable Rubber Plantation

By: Dr. Marc Morival and Mr. Per Bondesen, Prime Consultancy Co., Ltd

10:30 Refreshments Break

SESSION V : Elastomeric Isolators and Engineering Products

Session Chairman : Dr. Krisda Suchiva, President of Polymer Society of Thailand

11:00 Paper 14: Recent Advances on Elastomeric Seismic-protection Isolators in the World

By: Prof. Toshio Nishi, WPI-AIMR Tohoku University Emeritus Professor, the University of Tokyo and Tokyo Institute of Technology, Japan



11:30 Paper 15: Large Rubber Articles for Engineering Applications

By: Mr. Or Tang Teng, Chief Executive, Doshin Rubber Products Sdn Bhd, Malaysia

12:00 Paper 16: Energy Efficient Processing

By: Dato Dr. E. L. Ong, Chairman, ISO/TC 157-Mechanical Contraceptives

NOTE : 11:00 - 12:00 PARALLEL SESSION :
A WORKING GROUP MEETING ON CRITICAL ELEMENTS OF SUSTAINABILITY FOR NATURAL RUBBER

13:00 Lunch Break

SESSION VI : Latex Applications

Session Chairman : Dr. R.K.Mattan, Director, KA Prevulcanised Latex Private Limited

14:00 Paper 17: Rubber Nanotechnology

By: Dr. Krisda Suchiva, President, Polymer Society of Thailand



14:30 Paper 18: Challenges to the Medical Glove Industry

By: Dr. Tan Ah Seng, Consultant, Malaysian Rubber Glove Manufacturers' Association (MARGMA)

15:00 Paper 19: Challenges and Development in the Latex Foam Industry

By: Dr. Amir Hashim Md Yatim, Head, Latex Science and Technology Unit, Malaysian Rubber Board (MRB)

15:30 Paper 20: How Surfactants Improve the Quality of Latex Products

By: Dr. Jim Readers, Asia Technical Manager, Specialty Additives Asia, Air Products and Chemicals, Inc.



16:00 Refreshments Break

SESSION VII : Future Scenario for Rubbers and Processing

Session Chairman : Mr. Boonhan U-domying, Ex. Chairman of Rubber-Based Industry Club

16:30 Paper 21: Carbon footprinting of agricultural products: challenges and perspectives

By: Dr. Kathrina Plassman, Institute of Agricultural Climate Research, Germany



17:00 Paper 22: Economic Aspects of the Rubber Industry in a Changing World

By: Dr. Prachaya Jumpasut, Director, The Rubber Economist Ltd., UK



Day 3 Thursday 21th July, 2011

08:00 Exhibition Opens

SESSION VIII : Meeting Global Demand-Investment Opportunities

Session Chairman : Dr. Prachaya Jumpasut, Director of The Rubber Economist Ltd., UK

08:30 Paper 23: Asian Automotive Industry Outlook

By: Mr. Hajime Yamamoto, Director, IHS Automotive, formerly CSM Worldwide, Thailand



09:00 Paper 24: Incentives for downstream rubber manufacturing in Malaysia

By: Ms. Wahida Abdul Rahman, Malaysian Industrial Development Authority, MIDA



Session IX : Panel Discussion-Sustainability in the Rubber Industry

09:30 - 10:30 Session Chairman : Dr. Ulrich Hoffman, UNCTAD, Geneva

Panel Members :

- Datuk Dr. Salmiah Ahmad, MRB, Malaysia
- Dr. Ranjit Matthan, India
- Mr. Boonhan U-domying, Thailand
- Mrs. Sheela Thomas, India
- Ms. Kathrina Plassman, IACR, Germany
- Dr. Tran Thi Thuy Hoa, Secretary General of VRA, Vietnam
- Datuk Dr. E.L.Ong, Malaysia
- Mr. Nageeb Wahab, Sime Darby Plantation, Malaysia

10:30 Refreshments Break

11:00 Presentation & Training on Rubber Testing and Rheology and use of the RPA

By: Dr. John Dick, Alpha Technologies, a Dynisco Company, Akron, OH



13.00 - 13.15 CLOSING REMARKS

By: Mr. Christie F. Robert, APEST 2011 Organising Committee

13:15 Networking Lunch

14.00 Exhibition Ends

Working Group Meeting Date: 20th July, 2011 11.00 a.m.

**Chairperson : Dr. Salmiah Ahmad (Malaysia),
Secretary : Syed Mahdhar Syed Hussain
(Sime Darby Plantation)
Facilitator : Dr. Ulrich Hoffmann**



Meeting Room : Rangsit 2

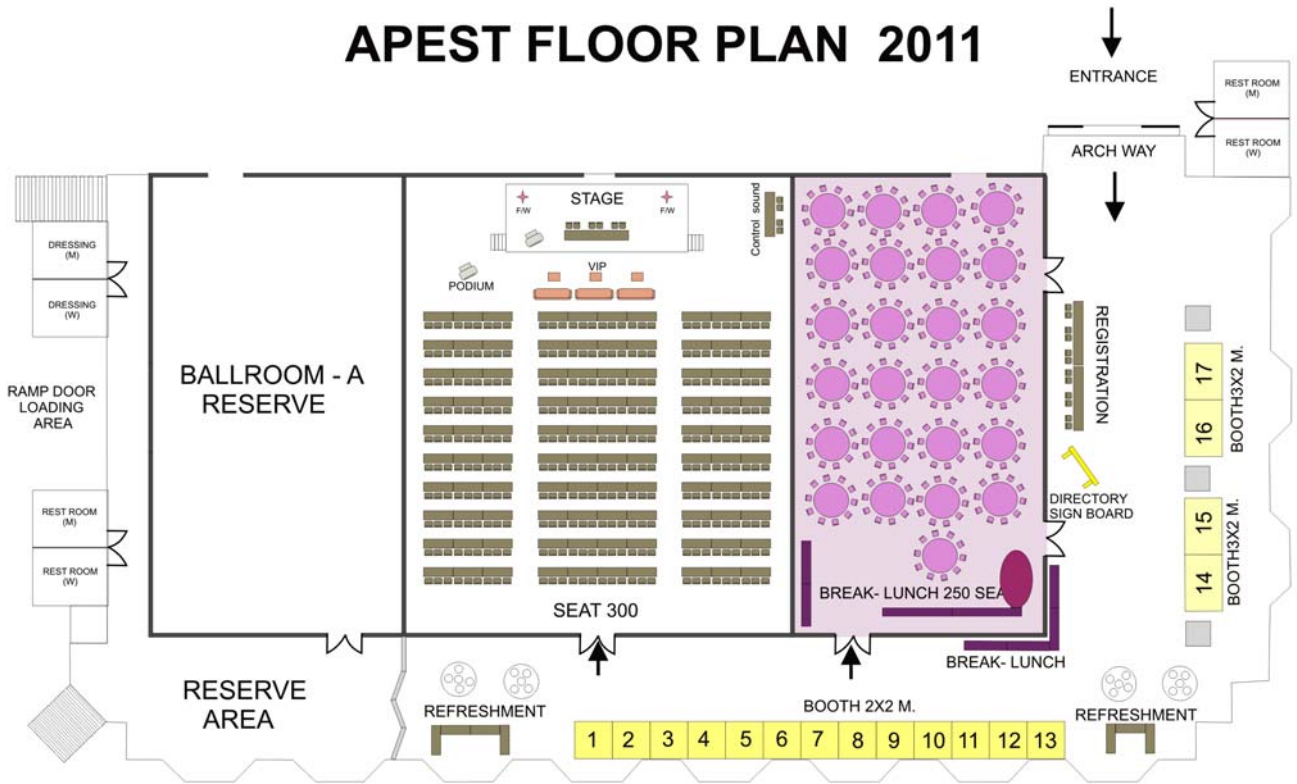
Agenda :

- * Opening remarks of welcome
- * Statement of Objectives - to obtain consensus from producers and stakeholders on agreeing to define and proceed to formulate a credible Code of Best Practice for Natural Rubber Plantations
- * Facilitator to elaborate on the issues, concerns and elements required of a code
- * Comments and discussion among participants
- * Consensus to develop a framework standard.
- * Stakeholders
- * Secretariat (UNCTAD)
- * Next Working Group meeting to consider and comment on draft standard
- * Close of Meeting.

Remarks : This meeting will run parallel to the Conference

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RUBBER ASIA	1
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SIME DARBY PLANTATION



Sime Darby Plantation is the plantation and agri-business arm of Sime Darby Berhad, representing one of the five core Divisions of Sime Darby Group. The Division is involved in oil palm cultivation and downstream activities, agribusiness & food and Research & Development (R&D).



Sime Darby Plantation also owns a latex concentrate factory in Sungei Senarut Estate and a SMR rubber factory in Tangkah Estate. Sime Darby's associate company Muang Mai Guthrie Public Company Limited, involves in the mid stream rubber processing, owns two factories in Phuket and Surat Province, Thailand, producing primarily latex concentrate, skim block rubber and epoxidised natural rubber (ENR).

SYNTHOMER



Synthomer's full product range in Asia also consists of SBR latex (Synthomer®), Chloroprene (Lipren®), Styrene acrylics and pure acrylics

(Revacryl® and Plectol®) and VA _ Homo- and co- polymers (Emultex®) dispersions as well as Alkyd (Reversol®), unsaturated polyester (Reversol P®) resins and PU dispersions (Acralen®). The company also continues to manufacture one its historic product ranges of Natural Rubber Latex (Revultex®).

ALPHA TECHNOLOGIES



Alpha Technologies, formerly a division of The Monsanto Company, is the world leader in the design, manufacture, service and support of precision rubber and polymer laboratory instrumentation. Alpha Technologies is headquartered in Akron, Ohio and employs a customer-focused team of approximately 180 highly trained professionals around the world.

K A PREVULCANISED LATEX (PVT) LTD.



KA Prevulcanised Latex Pvt. Ltd., headquartered in Nagercoil, Tamil Nadu, India, is part of Kurian Abraham Limited/Ooppoottil Group, and is India's largest latex concentrate processor and the country's largest latex glove producer.

It has two latex manufacturing facilities in Nagercoil and one in Thodupuzha, Kerala and is fully integrated with rubber plantation holdings within the states of Tamil Nadu and Kerala. The company's latex, sold under the KA Latex brand, not only has a significant share in the Indian market but is also exported to countries across the world such as the US, Europe, South America, Turkey and Sri Lanka.

T.R.I. GLOBAL CO., LTD.



T.R.I. Global Limited hereby extends its appreciation for your interest in our three language monthly Rubber International Magazine, which presents to readers business, scientific, statistical facts about natural and synthetic rubber, plastics, and other related industries such as chemicals, environment, machinery, automobiles, scientific equipment and tools, agriculture, and petrochemicals.

ENQUIRIES

Office of APEST Conference Secretariat:

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