From Evolution to Revolution: New Paths for the Rubber Economy

18 – 19 March 2019
Parkroyal On Beach Road

www.wrs2019.rubberstudy.com
From Evolution to Revolution: New Paths for the Rubber Economy” will be the theme of the WRS 2019. Rubber is omnipresent in our everyday life, moving our lives and our world and it is a very important source of living for many people around the globe. Innovation and technology transfer have always played a crucial role in developing a sector that has constantly evolved adapting to fast changing economic, social and environmental conditions worldwide. Today new challenges are ahead: industrialisation and urbanisation in emerging economies, changing demographics and consumer preferences, rise of new technologies and climate changes. They have the potential to trigger trends that require new approaches through the whole rubber value chain.

The two-day World Rubber Summit (WRS) is a unique and exclusive opportunity for global leaders to meet, share best practices and lay the foundations for future collaborations.

Apart from providing insights into the industry, World Rubber Summit:
- is developed by experts in the industry for the industry
- provides the opportunity to interact and engage with business leaders, Governments, NGOs and academic experts
- provides world-class networking opportunities
- creates opportunities for you to widen your contacts, showcase your products and services

PROGRAMME
SUMMIT TOPICS HIGHLIGHTS:

During the conference, Presentations and Panel Sessions will provide key insights and valuable solutions on how the rubber economy could realise a global transition towards a sustainability approach that can open doors to further development and enhance opportunities for all. The World Rubber Summit (WRS) is an unique and exclusive opportunity for the global rubber industry to discuss the current challenges that the industry is facing but also the future opportunities that might arise from the disruptive trends that are transforming the automotive industry and the extensive use of innovative solutions to improve rubber quality and productivity.
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>08:00 – 09:00</td>
<td>Registration – Welcome Coffee</td>
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<tr>
<td>09:00 – 10:00</td>
<td><strong>Opening Ceremony</strong>&lt;br&gt;<strong>MR SATVINDER SINGH</strong>&lt;br&gt;Assistant Chief Executive Officer, Enterprise Singapore&lt;br&gt;<strong>H.E. MR. ALY TOURE</strong>&lt;br&gt;Chairperson, International Rubber Study Group (IRSG)&lt;br&gt;Permanent Representative of Côte d'Ivoire to International Commodities Organisations&lt;br&gt;<strong>MR SALVATORE PINIZZOTTO</strong>&lt;br&gt;Secretary-General, International Rubber Study Group (IRSG)&lt;br&gt;<strong>Keynote Speaker</strong>&lt;br&gt;<strong>MR STEFAN RITTMANN</strong>&lt;br&gt;Managing Director of ARLANXEO Deutschland GmbH, Executive Vice President of Corporate Business Development, Member of the Executive Leadership team of the ARLANXEO group</td>
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<td>10:00 – 10:30</td>
<td>Networking Tea Break</td>
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<td>10:30 – 12:30</td>
<td><strong>Governmental Summit (Panel Discussion) - Private-Public Partnerships for Sustainable Rubber</strong>&lt;br&gt;Sustainability is becoming increasingly important in shaping consumer preferences in today’s global market. The economic, social and environmental dimensions of sustainable development stipulate and encourage public-private partnership inclusive of host of actors-government, businesses, and civil society- to promote synergies between their actions to foster sustainability in the global value chain of primary commodities. There is a call for government and business leaders to adopt responsible sourcing policies for inclusive growth, promotion of sustainable rubber, value chain competitiveness and market access.&lt;br&gt;&lt;br&gt;Session Chair:&lt;br&gt;<strong>MR NICOLAS PETIT</strong>&lt;br&gt;Senior Commodities Adviser, UNDP Green Commodities Programme Sustainable Development Cluster&lt;br&gt;Presenting Title: Green Commodities Programme - Multi-Stakeholder Collaboration for Systemic Change&lt;br&gt;Panelists:&lt;br&gt;<strong>MR DRAGOS NEGRESCU</strong>&lt;br&gt;Policy Officer, European Commission DG GROW&lt;br&gt;<strong>H.E. MR. ALY TOURE</strong>&lt;br&gt;Permanent Representative of Côte d’Ivoire to International Commodities Organisations&lt;br&gt;<strong>MR YIUM TAVAROLIT</strong>&lt;br&gt;Acting Governor, RAOT Thailand&lt;br&gt;<strong>MR J.A. RANJITH</strong>&lt;br&gt;Secretary, Ministry of Plantation Industries, Sri Lanka&lt;br&gt;<strong>MR DENY KURNIA</strong>&lt;br&gt;Director, Directorate of APEC and International Organisation, Ministry of Trade, Republic of Indonesia</td>
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<td>12:30 – 14:00</td>
<td>Networking Lunch</td>
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<td>14.00 - 15:30</td>
<td><strong>A Global Approach for Long Term Sustainable Supply</strong></td>
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<td>For longer-term supply of any agricultural commodity, there is a need for assurance on sustaining subsistence income for small farmers and margin for SMEs operating in the supply chain. Innovation, technology transfer and cost reduction foster efficiency in production for a long-term sustainable supply. However, a good business model for farming is a key factor for keeping farmers on land successfully. New approaches for supply chain alliance and agribusiness partnership through the whole rubber value chain is the way forward for a long-term market balance.</td>
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<td><strong>Session Chair:</strong></td>
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<td><strong>SALVATORE PINIZZOTTO</strong></td>
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<td></td>
<td>Secretary-General, International Rubber Study Group (IRSG)</td>
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<td><strong>Speakers:</strong></td>
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<td><strong>MR GUNTHER LOTTMANN</strong></td>
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<td>Chief Executive Officer, Grupo Fortaleza Guatemala</td>
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<td>Presenting Title: “Real” Sustainability Performance Index</td>
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<td><strong>MR ENRICO LUCCHESE</strong></td>
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<td>Marketing Manager, Versalis S.p.A</td>
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<td>Presenting Title: The strength of know how in Synthetic Rubbers as Engine of Innovation for a Sustainable Supply Chain</td>
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<td><strong>MR STEFANO SAVI</strong></td>
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<td>Director, Global Platform for Sustainable Natural Rubber</td>
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<td>Presenting Title: Natural Rubber Sustainability: Together Forward</td>
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<td>15:30 – 16:45</td>
<td><strong>Women in Global Value Chain for Rubber: Panel Discussion</strong></td>
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<td>Women play a major role in the global economy. They invest more in their families than men do. Women producers and entrepreneurs are largely invisible in global value chain and in corporate supply chain for rubber. So empowering women economically and connecting women in the global value chain will create more opportunities for women. There is a call for policy makers and business leaders to implement strategies to increase competitiveness of women to enjoy greater economic benefits.</td>
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<td><strong>Session Chair:</strong></td>
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<td><strong>MR DAR WONG</strong></td>
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<td>Chief Strategic Advisor, Bain Partners &amp; Management Ltd</td>
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<td><strong>Panelists:</strong></td>
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<td><strong>MRS GEORGETTE TAN</strong></td>
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<td>President, Singapore Committee for UN Women</td>
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<td><strong>MS ELLEN TAN-GO</strong></td>
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<td>Chief Operating Officer/ Vice President, Farma Rubber</td>
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<td><strong>MS BEH KOK FONG</strong></td>
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<td>General Manager, Bridgestone Singapore Pte. Ltd.</td>
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### Managing Sustainability Performances in the Rubber Value-Chain

Innovation and technology transfer have always played a crucial role in developing rubber industry, a sector that has constantly evolved adapting worldwide changes. In a changing market nourished by the new wave of innovative technologies and revolution in mobility, industry has to make aggressive choices to sustain and improve competitiveness. How will these changes impact the rubber value chain?

**Session Chair:**
**MR SANDANA DASS**  
Managing Director & CEO, R1 International

**Speakers:**
**DR VINCENT GITZ**  
Director of the CGIAR Research Program on Forests, Trees and Agroforestry, Center for International Forestry Research (CIFOR)  
Presenting Title: Sustainable development of rubber plantations in a context of climate change

**PROF FATIMAH MOHAMED ARSHAD**  
Senior Research Fellow, Institute of Agricultural and Food Policy Analysis University Putra Malaysia  
Presenting Title: Inclusive supply chain for rubber smallholder for sustainability: A proposal for Malaysia

**MR ERIC NIETSCHE**  
Associate Director Corporate Ratings, S&P Global  
Presenting Title: Discovering Business Value in the UN Sustainable Development Goals

**MR ERIK CHRISTIANTO**  
Account Manager, Trucost, ESG analytics division of S&P Global  
Presenting Title: Discovering Business Value in the UN Sustainable Development Goals

**MR CHAMI AKMEEMANA**  
Chief Executive Officer, Blockscale Solutions Inc  
Presenting Title: Impacting Value Chains with Decentralised Technologies

**MR DANIEL THONG**  
Chief Executive Officer, HeveaConnect Pte Ltd  
Presenting Title: Partnerships for a Supply Chain Ecosystem

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<tr>
<td>16:45 – 17:45</td>
<td>Networking Tea Break</td>
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<td>17:45 – 18:45</td>
<td>Managing Sustainability Performances in the Rubber Value-Chain</td>
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<td>19.00 - 21.00</td>
<td>Welcome Networking Reception</td>
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<td>08:30 - 09:30</td>
<td><strong>Keynote Speaker</strong></td>
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|              | **Speakers:** DR ANDREAS TOPP  
Vice President, Material & Process Development & Industrialization Tires, Continental  
Presenting Title: Continental: NR technology for innovative tires and a sustainable future mobility |
| 09:30 – 10:45| **High-Level Dialogue: Innovative Solutions for the Rubber Industry**    |
|              | From small farming to applications in aero-space industry, innovative solutions and its adoption enhances value addition in the rubber economy and its growth and development. Under different spheres of the rubber industry: cultivation, processing, trading and manufacturing, smart technology applications has immense potential. In response to disruptive technologies and mega trends in mobility, there is call for the repositioning of R&D to meet customer requirements in raw materials. |
|              | **Session Chair:** MRS FAZILET CINARALP  
Secretary-General, ETRMA |
|              | **Speakers:** MR DANIELE LORENZETTI  
Chief Technology Officer, Apollo Tyres Global R&D B.V.  
Presenting Title: Future mobility - Paradigm shift in Tyre performance and its impact on Rubber Industry and Raw Materials Requirements  
MRS MAIPRAE LOYEN  
Chief Executive Officer, MTI Solution Co., Ltd  
Presenting Title: From Words to Practice, Rubber Industry Revolution by Big Data  
MR JOSEPH-OLIVIER BILEY  
Chief Executive Officer, WeFly Agri  
Presenting Title: How Technology Can Switch from Traditional to Precision Agriculture  
MR DAVID SHAW  
Chief Executive, Tire Industry Research  
Presenting Title: A Personal Vision of the Future for the Global Tyre Industry |
| 10:45 – 11:15| **Networking Tea Break**                                                 |
| 11:15 – 12:30| **Risks and Uncertainties in International Trade: What is at Stake for Rubber** |
|              | Global growth is projected to reach 3.9 % in 2019, in line with IMF outlook, but the expansion is becoming less even, and risks to the outlook are mounting. Global trade could be at a risk as policy focus of mature economies are shifting towards protectionism from free market world. Geo-political risks and escalating trade conflict between the U.S and China fuels trade uncertainty and economic outlook, thereby threatening the world trade with short and medium term impact on automotive growth and its supply chain. |
|              | **Session Chair:** MR MICHAEL COLEMAN  
Managing Director, Aisling Nua Pte Ltd  
Presenting Title: Natural Rubber Markets - A Challenging Environment |
|              | **Speakers:** MR MANU BHASKARAN  
Chief Executive Officer, Centennial Asia Advisors Pte Ltd  
Presenting Title: Risks and Uncertainties in International Trade |
Rubber Supply, Demand Opportunities and Risks for Future Growth

Rubber demand growth is expected to grow at 2.4% over the next decade while investments committed on capacity expansion is not favourable for a market balance. Asia is now the biggest consumer of rubber - NR and SR - with China and India as the major consumers. Disruptive technologies, that are external to the rubber industry, and investments committed will improve tyre wear. With smart tyres, inter-connected cars and commercial vehicles that will be autonomous EVs, new concept tyres and recycling technology will evolve. What will be the overall impact on rubber demand and supply-demand balance?

Session Chair:
DR LEKSHMI NAIR
Head of Economics and Statistics, IRSG
Presenting Title: A Sustainable Growth Path for the Global Rubber Economy

Speakers:
MR JUAN RAMON SALINAS
Managing Director, International Institute of Synthetic Rubber Producers, Inc (IISRP)
Presenting Title: Global Synthetic Rubber Overview

MS FAN YANWEN
Vice General Manager, Trade Department, Shanghai Grandnet Supply Chain Co., Ltd
Presenting Title: Natural Rubber Trade in China: Changing from Conventional to Unconventional

MR GERARD STAPLETON
Head of Natural Rubber Research, LMC International
Presenting Title: Natural Rubber vs Synthetic Rubber - Price Relationship and Demand Substitution

MR PAUL SPEED
Director, Operations & Acquisitions, New Forest Asia Singapore
Presenting Title: Institutional Investment for Sustainable Supply
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<tr>
<td>16:30 – 17:00</td>
<td>Closing Ceremony WRS 2019</td>
<td>MR SALVATORE PINIZZOTTO, Secretary-General, International Rubber Study Group (IRSG)</td>
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<td>MR JEAN-NOEL QUILLET, Managing Director, Société des Matières Premières Tropicales Pte Ltd</td>
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<td>MR STEFAN RITTMANN, Managing Director of ARLANXEO Deutschland GmbH, Executive Vice President of Corporate Business Development, Member of the Executive Leadership team of the ARLANXEO group</td>
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SPEAKERS
Conference Chair:

H.E. Mr. Aly Toure
Chairperson
International Rubber Study Group (IRSG)

Salvatore Pinizzotto
Secretary-General
International Rubber Study Group (IRSG)

Host:

Mr Satvinder Singh
Assistant CEO
Enterprise Singapore

Keynote Speaker:

Mr Stefan Rittmann
Managing Director of ARLANXEO Deutschland GmbH, Executive Vice President of Corporate Business Development, Member of the Executive Leadership team of the ARLANXEO group

Confirmed Speakers:

Fatimah Mohamed Arshad
Senior Research Fellow
Institute of Agricultural and Food Policy Analysis
Universiti Putra Malaysia

Joseph-Olivier Biley
Chief Executive Officer
WeFly Agri

Manu Bhaskaran
Chief Executive Officer
Centennial Asia Advisors Pte Ltd

Vincent Gitz
Director of the CGIAR Research Program on Forests, Trees and Agroforestry
Center for International Forestry Research (CIFOR)
Confirmed Speakers:
(Continuation)

Gunther Lottmann
Chief Executive Officer
Grupo Fortaleza
Guatemala

Ellen Tan-Go
Chief Operating Officer/
Vice President
Farma Rubber Industries Inc.

Maiprae Loyen
Chief Executive Officer
MTI Solution Co., Ltd

Robert Meyer
Chief Executive Officer
Halcyon Agri

Juan Ramon Salinas
Managing Director
International Institute of
Synthetic Rubber Producers, Inc. (IISRP)

Beh Kok Fong
General Manager
Bridgestone
Singapore Pte. Ltd.

Stefano Savi
Director
Global Platform for
Sustainable Natural Rubber

David Shaw
Chief Executive
Tire Industry Research

Georgette Tan
President
Singapore Committee
for UN Women

Dar Wong
Chief Strategic Advisor
Bain Partners &
Management Ltd

Elok Mulyoutami
Independent Consultant

Erik Christianto
Account Manager
Trucost, ESG analytics
division of S&P Global

Eric Nietsch
Associate Director
Corporate Ratings
S&P Global

Michael Coleman
Managing Director
Aisling Nua Pte Ltd

Fazilet Cinaralp
Secretary-General
ETRMA

Nicolas Petit
Senior Commodities Adviser
UNDP Green Commodities
Programme Sustainable
Development Cluster
Confirmed Speakers:
(Continuation)

Enrico Lucchese
Marketing Manager
Versalis S.p.A

Paul Speed
Director
Operations & Acquisitions
New Forest Asia
Singapore

Andreas Topp
Vice President
Material & Process Development &
Industrialization Tires

Lekshmi Nair
Head of Economics
and Statistics
IRSG

Fan Yanwen
Vice General Manager
Trade Department
Shanghai Grandnet
Supply Chain Co., Ltd

Helen Yan
Senior Editor
ICIS

Daniel Thong
Chief Executive Officer
HeveaConnect Ptd Ltd

Chami Akmeemana
Chief Executive Officer
Blockscale Solutions Inc

Sandana Dass
Managing Director & CEO
R1 International

Daniele Lorenzetti
Chief Technology Officer
Apollo Tyres Global
R&D B.V.

Gerard Stapleton
Head of Natural
Rubber Research
LMC International

Jean-Noel Quillet
Managing Director
Société des Matières
Premières Tropicales
Pte Ltd

*Conference programme and Speakers are subject to change.*
Visitor Profile:

- Chemical Compound Manufacturer & Supplier
- Natural Rubber Producers/Plantation Owners
- Synthetic Rubber Manufacturer
- Equipment Solutions Provider
- Rubber Importers & Exporters

Organiser Profile:

SingEx Exhibitions Pte Ltd

SingEx Exhibitions is a subsidiary of SingEx Holdings, and is wholly owned by Singapore’s investment company, Temasek Holdings. SingEx Exhibitions owns, develops and manages a series of trade exhibitions and conferences in various industries including urban solutions, logistics, information technology, healthcare and commodities. The company collaborates with both local and international partners to create new market platforms via trade events in key industries with high growth potential. SingEx Exhibitions has an extensive network of relationships with regional governmental agencies, international trade associations, and leading businesses in key sectors which enables it to form joint ventures, acquire, market and scale events around the world.

For more information, visit us at www.singex.com

The International Rubber Study Group

The International Rubber Study Group (IRSG) was established in 1944 as the only intergovernmental organisation that brought the world's rubber producing and consuming stakeholders together. The IRSG shall be THE FORUM for the discussion of matters affecting the supply and demand for natural as well as synthetic rubber.

The IRSG will be the authoritative source of statistical data and analysis for all aspects of the rubber industry, including production, consumption and trade in rubber as well as rubber products. The seminal purpose of the secretariat is to prepare current estimates and analyse future supply and demand trends, while undertaking statistical and economic studies on specific aspects of the industry so as to continually improve its value-added service to stakeholders.

For more information, visit us at www.rubberstudy.com

Strategic Partner:

Enterprise Singapore

Enterprise Singapore is the Singapore government agency championing enterprise development. It also supports the growth of Singapore as a hub for global trading and startups.

The agency attracts global commodities traders to establish their global or Asian home base in Singapore. Today, Singapore is a leading global trading hub with a complete ecosystem for the energy, agri-commodities and metals & minerals trading clusters. Singapore is also home to many global enterprises, startups and investors that operate in its robust pro-enterprise environment.

As the national standards and accreditation body, Enterprise Singapore builds trust in Singapore’s products and services through quality and standards. Renowned for their dedication to quality and innovation, Singapore companies make ideal business partners.

With Enterprise Singapore’s global network in over 35 locations spanning many developed and emerging markets, it connects businesses with relevant Singapore companies for their business expansion.

For more information, visit us at www.enterprisesg.gov.sg