



# ASIA RUBBER-ELASTOMER FEDERATION INTERNATIONAL CONFERENCE 2026 (AREF-IC 2026)

8<sup>th</sup> to 10<sup>th</sup> September 2026  
KUALA LUMPUR CONVENTION CENTER  
(KLCC), MALAYSIA

**Synergizing Innovations –  
Redefine Future of Rubber Ecosystem**



In Conjunction with

Supporting Organizations:



**TechnoBiz**

[www.prim.org.my/aref-ic-2026/](http://www.prim.org.my/aref-ic-2026/)  
[primy@prim.org.my](mailto:primy@prim.org.my)



In Conjunction with  
12<sup>th</sup> INTERNATIONAL  
RUBBER GLOVE  
CONFERENCE &  
EXHIBITION  
IRGCE

## ASIA RUBBER-ELASTOMER FEDERATION INTERNATIONAL CONFERENCE 2026 (AREF-IC 2026)

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Kuala Lumpur Convention Center (KLCC)  
KUALA LUMPUR, MALAYSIA

### Synergizing Innovations - Redefine the Future of Rubber Ecosystem 67 Oral Presentations\* 20 Poster Presentations\*

\* as of 7 July 2026. Subject to Change

#### Plenary Speakers



**Prof Yeah Kim Leng**  
Professor and Director  
Economics Studies Jeffrey  
Cheah Institute on  
Southeast Asia  
Malaysia



**Dato' Dr. Zairossani bin Mohd Nor**  
Director General  
Malaysian Rubber Board  
Malaysia



**Dr. Zhaomin Hou**  
Group Director, Advanced  
Catalysis Research Group  
RIKEN Center for Sustainable  
Resource Science  
Japan



**Mohammad Hafezh bin Abdul Rahman**  
Chief Sustainability &  
Information Officer  
Malaysian Rubber Council  
Malaysia



**Mr. Panitan Junhasavasdikul**  
President of Innovation Group  
Innovation Manufacturing  
and Technology Development  
Group  
Thailand



**Dr. Robert G Hamilton**  
Professor of Medicine and  
Pathology  
Johns Hopkins University  
School of Medicine  
United States of America

#### Keynote Speakers



**Dr. Banja Junhasavasdikul**  
Chairman of the Board  
Innovation Group (Thailand)  
Co.,Ltd, Thailand



**Peram Prasada Rao,**  
Founder & CEO,  
TechnoBiz, Thailand



**Ts. Dr. Chua Wen-Shyan**  
Head of Malaysian  
Smart Factory 4.0  
Selangor Human Resource  
Development Centre  
(SHRDC), Malaysia



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### Oral Presenters\*

|                                                                                                                                                               |                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ts. Dr. Roland Ngeow Yen Wan</b><br>Rector of Academy Hevea Malaysia<br>Malaysian Rubber Board                                                             | <b>AP Ir. Dr. Fathilah binti Ali</b><br>Department of Chemical Engineering and<br>Sustainability,<br>International Islamic University Malaysia       |
| <b>Assoc. Prof. Kannika Sahakaro</b><br>Prince of Songkla University<br>Thailand                                                                              | <b>Prof . Charoen Nakason</b><br>Faculty of Science and Industrial Technology,<br>Prince of Songkla University, Thailand                             |
| <b>Mrs. Norhanifah binti Mohd Yazid</b><br>Malaysian Rubber Board                                                                                             | <b>Dr. Apinya Krainoi</b><br>Princess of Naradhiwas University<br>Thailand                                                                           |
| <b>Mr. Ken Nakajima</b><br>Institute of Science Tokyo<br>Japan                                                                                                | <b>Dr. Nik Intan binti Nik Ismail</b><br>Malaysian Rubber Board                                                                                      |
| <b>Assoc. Prof. Dr. Arshad Adam Salema</b><br>Sustainable Energy and Development Lab,<br>Department of Mechanical Engineering,<br>Monash University Malaysia. | <b>Assoc. Prof. Dr. Yeampon Nakaramontri</b><br>Department of Chemistry, Faculty of Science,<br>King Mongkut's University of Technology,<br>Thailand |
| <b>Mr. Asmipudin Ali</b><br>Bridge Fields Resources Sdn Bhd                                                                                                   | <b>Assoc. Prof. Dr. Ekwipoo Kalkornsurapranee</b><br>Division of Physical Sciences, Faculty of Science,<br>Prince of Songkla University,             |
| <b>Mr. Ahmad Supian</b><br>HF Mixing Group Services SEA Sdn Bhd                                                                                               | <b>Dr. Mahmud Iskandar Bin Seth A Rahim</b><br>Malaysian Rubber Board                                                                                |
| <b>Ms. Orrawan Pongchumpon</b><br>Manager of Research Center of Innovation Group<br>Innovation Group (Thailand) Ltd                                           | <b>Mr. Mohd Afieq bin Mohd Tajudin</b><br>Malaysian Rubber Board                                                                                     |
| <b>Mr. Masato Suzuki</b><br>The Yokohama Rubber Co., Ltd.<br>Japan                                                                                            | <b>Assoc. Prof. Norazilawati Muhamad Sarih</b><br>Faculty of Science, Department of Chemistry,<br>Universiti Malaya                                  |
| <b>Dr. Ismaliza Ismail</b><br>Malaysian Rubber Board                                                                                                          | <b>Ts. Nik Zakaria bin Nik Yahya</b><br>Malaysian Rubber Board                                                                                       |
| <b>Well Kam Lian Hooi</b><br>President of ODI International<br>VA Partners                                                                                    | <b>Ms. Mahirah Mohd Idris</b><br>Malaysian Rubber Board                                                                                              |

**30+ additional presentations from 12th IRGCE**

\* as of 7 July 2026 - subject to change. Refer to [www.aref-ic2026.com](http://www.aref-ic2026.com) for tentative program



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8<sup>th</sup> to 10<sup>th</sup> September 2026

Kuala Lumpur Convention Center (KLCC)  
KUALA LUMPUR, MALAYSIA

| Registration Fee for Participants.      | PRIM MEMBER | NON-MEMBER |
|-----------------------------------------|-------------|------------|
| <b>Early Bird (28 Aug 2026)</b>         | RM 1600     | RM 2000    |
| <b>Normal Fee (Until 7th Sept 2026)</b> | RM 2000     | RM 2600    |
| <b>On-site (8th - 10th Sept 2026)</b>   | RM 2600     | RM 3400    |
| <b>Student Rate</b>                     | RM 500      |            |

### Conference Fee Entitlement

- \* 3 days access to AREF-IC 2026 Technical Conference
- \* 3 days access to 12th IRGCE Technical Conference
- \* 3 days access to 12th IRGCE Exhibition
- \* Conference Lunch and Tea Breaks
- \* All bank charges and fees to be paid by participants.
- \* PRIM Active Members List <https://prim.org.my/membership-list/>



\* HRD Corp Claimable - SBL-Khas, 10001738904, Asia Rubber-Elastomer Federation International Conference 2026 (AREF-IC 2026)

### Who should attend

- Rubber product manufacturers
- Business owners
- Technical leaders
- University faculty and students

### What you'll explore

- Environmental, sustainability and management
- Advances in rubber engineering
- New materials
- Poster presentations

### Contact information:

AREF-IC 2026 Secretariat

Website: [www.prim.org.my/aref-ic-2026/](http://www.prim.org.my/aref-ic-2026/)

Email: [primy@prim.org.my](mailto:primy@prim.org.my)

[primy.events@gmail.com](mailto:primy.events@gmail.com)

WhatsApp: +6017-319 0850



REGISTRATION  
LINK



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8<sup>th</sup> to 10<sup>th</sup> September 2026  
KUALA LUMPUR CONVENTION CENTER  
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## PROGRAM AT A GLANCE



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[primy@prim.org.my](mailto:primy@prim.org.my)

**Day 1, 8 September 2026 - updated 18 August 2026**

|                             |                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                           |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             |  <b>ASIA RUBBER-ELASTOMER<br/>FEDERATION INTERNATIONAL<br/>CONFERENCE 2026<br/>(AREF-IC 2026)</b>                                                                                                                                                                                                          |  <b>12<sup>th</sup> INTERNATIONAL<br/>RUBBER GLOVE<br/>CONFERENCE &amp;<br/>EXHIBITION</b>                                                                                                                              |
| 08:30-09:00                 | <b>Registration</b>                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                           |
| 09:00-10:30                 | <b>Opening Ceremony, Plenary Hall, Level 1</b>                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                           |
| 10:30-11:00                 | <b>Coffee break</b>                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                           |
| 11:00 -11:40<br>40 minutes  | <b>Plenary 1 :</b><br><b>Prof Dr. Yeah Kim Leng</b><br>Professor and Director, Economics Studies<br>Jeffrey Cheah Institute on Southeast Asia, Malaysia<br><br><b>Towards a Soft Landing: How the Malaysian Glove Industry Can Mitigate Regression Amidst the Geopolitical Energy Crisis.</b><br><b>Plenary Hall, Level 1</b>                                                               |                                                                                                                                                                                                                                                                                                           |
| 11:40 - 12:05<br>25 minutes | <b>Prof Dato' Dr. Adeeba Kamarulzaman, FASc</b><br>President and Pro Vice-Chancellor<br>Monash University Malaysia, Malaysia<br><br><b>From the Bedside to the Production Line</b><br><b>What Infectious Diseases Medicine Needs from the Next Generation of Gloves</b><br><b>Strengthening Healthcare Systems Through PPE Innovation and Accessibility</b><br><b>Plenary Hall, Level 1</b> |                                                                                                                                                                                                                                                                                                           |
| 12:05 - 12:30<br>25 minutes | <b>Is Dr. Muralitharan Paramasua</b><br>Chief Executive Officer<br>Medical Device Authority, Ministry Of Health Malaysia, Malaysia<br><br><b>Facilitating Global Market Access for Malaysian Medical Gloves through Regulatory Harmonisation</b><br><b>Plenary Hall, Level 1</b>                                                                                                            |                                                                                                                                                                                                                                                                                                           |
| 12:30 - 12:50               | <b>Panel Discussion &amp; Moderated by:</b><br><b>Academician Prof. Dr. Ho. Chee Cheong, FASc</b><br><b>12th IRGCE 2026 Conference Technical Committee</b><br><b>Plenary Hall, Level 1</b>                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                           |
| 12:50 - 14:00               | <b>Networking Lunch   Hall 7, Level 3 &amp; Exhibition Visit   Hall 1-5, Ground Floor</b>                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                           |
|                             |  <b>ASIA RUBBER-ELASTOMER<br/>FEDERATION INTERNATIONAL<br/>CONFERENCE 2026<br/>(AREF-IC 2026)</b>                                                                                                                                                                                                          |  <b>12<sup>th</sup> INTERNATIONAL<br/>RUBBER GLOVE<br/>CONFERENCE &amp;<br/>EXHIBITION</b>                                                                                                                              |
| 14:00 - 14:40<br>40 minutes | <b>STUDENT WORKSHOP -</b><br><b>15:00 - 17:00</b><br>How to Become a Better<br>Polymer Professional<br>by Peram Prasada Rao , TechnoBiz<br><b>REGISTERED STUDENT DELEGATES ONLY</b><br><br><b>Venue: Kiosk 4, Exhibition Hall 4, Ground Floor</b>                                                                                                                                           | <b>Plenary 2 :</b><br><b>Mr. Mohammad Hafezh Bin Abdul Rahman</b><br>Chief Sustainability and Information Officer<br>Malaysian Rubber Council , Malaysia<br><br><b>Strengthening Market Resilience for the Malaysian Rubber Gloves Industry Amidst Global Challenges.</b><br><b>Plenary Hall, Level 1</b> |
| 14:40 - 15:20<br>40 minutes |                                                                                                                                                                                                                                                                                                                                                                                             | <b>Plenary 3 :</b><br><b>Dato' Dr. Zairossani Mohd Nor</b><br>Director-General<br>Malaysian Rubber Board, Malaysia<br><br><b>Glove 2030: Malaysia's Roadmap to High Value Sustainable Growth</b><br><b>Plenary Hall, Level 1</b>                                                                          |
| 15:20 - 15:40<br>20 minutes |                                                                                                                                                                                                                                                                                                                                                                                             | <b>Dr. Suttipong Anghthong</b><br>Secretary-General<br>The Association of Natural Rubber Producing Countries<br>Thailand<br><br><b>Navigating the Global Natural Rubber Outlook: Economic Synergies and Sustainable Initiatives for the Glove Ecosystem.</b><br><b>Plenary Hall, Level 1</b>              |
| 15:40 - 16:00<br>20 minutes |                                                                                                                                                                                                                                                                                                                                                                                             | <b>Mr. Nikhil Vallabhan</b><br>Senior Consultant in the Chemicals, Materials & Food practice<br>Frost & Sullivan of Malaysia , Malaysia<br><br><b>Global Overview of the Rubber Gloves Industry.</b><br><b>Plenary Hall, Level 1</b>                                                                      |
| 16:00 - 16:20<br>20 minutes |                                                                                                                                                                                                                                                                                                                                                                                             | <b>Panel Discussion &amp; Moderated by:</b><br><b>Dr. Amir Hashim Md. Yatim , FASc</b><br><b>Chairman of 12th IRGCE 2026 Conference Technical Committee</b><br><b>Plenary Hall, Level 1</b>                                                                                                               |
| 16:20 - 16:45               | <b>Coffee break</b>                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                           |
|                             |  <b>ASIA RUBBER-ELASTOMER<br/>FEDERATION INTERNATIONAL<br/>CONFERENCE 2026<br/>(AREF-IC 2026)</b>                                                                                                                                                                                                        |  <b>12<sup>th</sup> INTERNATIONAL<br/>RUBBER GLOVE<br/>CONFERENCE &amp;<br/>EXHIBITION</b>                                                                                                                            |
| 16:45 - 17:05<br>20 minutes | <b>AREF COMMITTEE MEETING</b><br><b>17:00-18:00</b><br>Invited AREF Committee Members Only<br><br><b>Venue: Hospitality Suite 6M, Level 1</b>                                                                                                                                                                                                                                               | <b>Mr. Martin Heels</b><br>Technical Division Manager<br>SATRA Technology, United Kingdom<br><br><b>Extractable Chemical Residue from Medical Gloves and European Standards Update</b><br><b>Plenary Hall, Level 1</b>                                                                                    |
| 17:05 - 17:25<br>20 minutes |                                                                                                                                                                                                                                                                                                                                                                                             | <b>Ms. Zhang Xinxin</b><br>Regional Director, Asia Pacific<br>Preferred by Nature, China<br><br><b>Navigating the Breakthrough Path: Challenges and Opportunities for Malaysia's Rubber Glove Industry under EU Green Regulations</b><br><b>Plenary Hall, Level 1</b>                                     |
| 17:25 - 17:45<br>20 minutes |                                                                                                                                                                                                                                                                                                                                                                                             | <b>Ms. Rikke Nygaard</b><br>Chief Executive Officer<br>QA MED Solutions, Denmark<br><br><b>The Regulatory Landscape of the EU for Glove Manufacturers</b><br><b>Plenary Hall, Level 1</b>                                                                                                                 |
| 17:45 - 18:05<br>20 minutes |                                                                                                                                                                                                                                                                                                                                                                                             | <b>Mr. Mohamad Harris Bin Abdul Latif</b><br>Head of ESG<br>Malaysia External Trade Development Corporation, Malaysia<br><br><b>Sustainable Trade: Navigating the Future with ESG</b><br><b>Plenary Hall, Level 1</b>                                                                                     |
|                             | Chair by Mr. Monichan Mathew<br>12th IRGCE 2026 Conference Technical Committee<br>Senior VP, Technical & Regulatory<br>YTY Group                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                           |

|                             |  <b>ASIA RUBBER-ELASTOMER<br/>FEDERATION INTERNATIONAL<br/>CONFERENCE 2026<br/>(AREF-IC 2026)</b>                                                                                                                           |  <b>12<sup>th</sup> INTERNATIONAL<br/>RUBBER GLOVE<br/>CONFERENCE &amp;<br/>EXHIBITION</b>                                                                                                                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             | <b>HALL 6A, LEVEL 1</b>                                                                                                                                                                                                                                                                                     | <b>PLENARY HALL, LEVEL 1</b>                                                                                                                                                                                                                                                                                                                                                                   |
| 09:00 - 09:40<br>40 minutes | <b>Keynote 1:</b><br><b>Dr. Banja Junhasavasdikul</b><br>Chairman of the board at Innovation Group (Thailand) Co., Ltd<br><i>Inspiration in Technology and Innovation</i>                                                                                                                                   | <b>Plenary 4:</b><br><b>Prof Dr. Robert G Hamilton</b><br>Professor of Medicine and Pathology<br>Johns Hopkins University School of Medicine, United States of America<br><i>The Current Science Behind Natural Rubber Latex (NRL) Allergy and the Importance of Maintaining A Rigorous Monitoring Program for Verifying Low Protein Levels in all Future Powder-free Latex Medical Gloves</i> |
| 09:40 - 10:00<br>20 minutes | <b>Keynote 2</b><br><b>Peram Prasada Rao,</b><br><b>Founder &amp; CEO, TechnoBiz, Thailand</b><br><i>Young Talent as the Growth Engine of the Rubber Ecosystem: Skills, Mindsets, and Industry Responsibility</i>                                                                                           | <b>Ms. Nurulhuda Binti Abdullah</b><br>Research Officer in the Latex Science and Technology Unit<br>Malaysian Rubber Board, Malaysia<br><i>Comprehensive Review of Malaysia's Efforts in Controlling Natural Rubber Latex Protein Allergy</i>                                                                                                                                                  |
| 10:00 - 10:20<br>20 minutes |                                                                                                                                                                                                                                                                                                             | <b>Ms. Dyana Adziera Jamaluddin</b><br>Research Officer<br>Malaysian Rubber Board, Malaysia<br><i>A Review of Extractable Protein Analysis in Gloves and Its Role in National Safety and Health Monitoring</i>                                                                                                                                                                                 |
| 10:20 - 10:40<br>20 minutes | <b>Mr Raja Sellamuthu</b><br>Vice- President (Rubber), The Plastics and Rubber Institute Malaysia (PRIM)<br><i>PRIM Solutions Provider: Building core rubber technology expertise to empower and advance the modern rubber industries.</i>                                                                  | <b>Panel Discussion &amp; Moderated by:</b><br><b>Dr. Mok Kok Lang</b><br>Former Deputy Director General of Research and Innovation<br>Malaysian Rubber Board                                                                                                                                                                                                                                  |
|                             | <b>Chair by Mr. Lim Sum Teck</b><br>AREF-IC 2026 Organizing Committee. PRIM Committee Member                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                |
| 10:40 - 11:10               | <b>Coffee Break</b>                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                |
|                             | <b>VENUE: PLENARY HALL, LEVEL 1</b>                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                |
| 11:10 - 11:50<br>40 minutes | <b>Plenary 5:</b><br><b>Mr. Panitan Junhasavasdikul</b><br>President<br>Innovation Group (Thailand) Ltd, Thailand<br><i>Riding Challenges to the new wave</i>                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                |
| 11:50 - 12:30<br>40 minutes | <b>Plenary 6:</b><br><b>Dr. Zhaomin Hou</b><br>Deputy Director<br>RIKEN Center for Sustainable Resource Science, Japan<br><i>Self-Healing Rubbers, with Emphasis on Potential Applications in Rubber Glove Manufacturing</i>                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                |
| 12:30 - 12:50<br>20 minutes | <b>Mr. Andrew Woon</b><br>Managing Director<br>Faber Castell Malaysia, Malaysia<br><i>How AI-driven storytelling is transforming industries and creating new opportunities</i>                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                |
|                             | <b>Chair by Dr. Eng Aik Hwee</b><br>12th IRGCE 2026 Conference Technical Committee<br>Trainer & Consultant, K&W Training & Consulting, Malaysia                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                |
| 12:50 - 14:00               | <b>Networking Lunch   Hall 7, Level 3 &amp; Exhibition Visit   Hall 1-5, Ground Floor</b>                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                |
|                             |  <b>ASIA RUBBER-ELASTOMER<br/>FEDERATION INTERNATIONAL<br/>CONFERENCE 2026<br/>(AREF-IC 2026)</b>                                                                                                                        |  <b>12<sup>th</sup> INTERNATIONAL<br/>RUBBER GLOVE<br/>CONFERENCE &amp;<br/>EXHIBITION</b>                                                                                                                                                                                                                |
|                             | <b>HALL 6A, LEVEL 1</b>                                                                                                                                                                                                                                                                                     | <b>PLENARY HALL, LEVEL 1</b>                                                                                                                                                                                                                                                                                                                                                                   |
| 14:00 - 14:20<br>20 minutes | <b>Well Kam Lian Hooi</b><br>President of ODI International<br>VA Partners<br><i>Organisation Development (OD) – Beyond Growth: Building a Business That Lasts</i>                                                                                                                                          | <b>Mr. Didier Guisado</b><br>Certification and Standardization Director<br>CTC Groupe, France<br><i>Standardization of Protective Gloves: Current Developments and Challenges</i>                                                                                                                                                                                                              |
| 14:20 - 14:40<br>20 minutes | <b>Mr. Ken Nakajima</b><br>Institute of Science Tokyo<br><i>AFM Nanomechanics and its Application to Rubber Science</i>                                                                                                                                                                                     | <b>Mr. Ryota Okunishi</b><br>Researcher<br>Shiraishi Central Laboratories Co., Ltd, Japan<br><i>Development of a Water-Based CSM Latex Film Forming Method for Chemical Resistant Gloves</i>                                                                                                                                                                                                   |
| 14:40 - 15:00<br>20 minutes | <b>Assoc. Prof. Dr. Kannika Sahakaro</b><br>Prince of Songkla University<br><i>Roles of antioxidants and processing stabilizers during mixing of silica/silane-filled natural rubber</i>                                                                                                                    | <b>Mr. Diago Dai</b><br>Assistant VP<br>Reebow Intelligent Equipment Co., Ltd, China<br><i>Empowering the Automation Upgrade of the Glove Packaging Industry through Technological Innovation and ESG Principles</i>                                                                                                                                                                           |
| 15:00 - 15:20<br>20 minutes | <b>Assoc. Prof. Dr. Yeapmon Nakaramontri (AREF-RETA Rising Star Award)</b><br>Department of Chemistry, Faculty of Science,<br>King Mongkut's University of Technology<br><i>Comparative Performance of Biomass-Derived Lignins as Sustainable Anti-Degradants for Carbon Black-Filled Tire Tread Rubber</i> | <b>Dr. Teo Kim Teck</b><br>Managing Director<br>Polymeric Technology Sdn Bhd, Malaysia<br><i>Ammonia-free Latex: A Strategic Shift for the Rubber Industry</i>                                                                                                                                                                                                                                 |
| 15:20 - 15:40<br>20 minutes | <b>Prof. Charoen Nakason</b><br>Faculty of Science and Industrial Technology,<br>Prince of Songkla University<br><i>Sustainable Natural Rubber/Thermoplastic Starch Biocomposites Reinforced with Rice Husk Ash: Polarity, Dynamic Vulcanization, and Performance-Biodegradability Trade-Offs</i>           | <b>Mr. Wouter De Jong</b><br>Principal Scientist<br>Cariflex R&D, Netherlands<br><i>Sustainable Polyisoprene Latex Production</i>                                                                                                                                                                                                                                                              |
|                             | <b>Chair by Dr. Hjh Hafsa Mohd Ghazali, FASc.</b><br>AREF-IC 2026 Organizing Committee. PRIM Committee Member                                                                                                                                                                                               | <b>Chair by Mr. Sivaynana Moorthy</b><br>12th IRGCE 2026 Conference Technical Committee                                                                                                                                                                                                                                                                                                        |
| 15:40 - 16:00               | <b>Coffee Break</b>                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                |
|                             |  <b>ASIA RUBBER-ELASTOMER<br/>FEDERATION INTERNATIONAL<br/>CONFERENCE 2026<br/>(AREF-IC 2026)</b>                                                                                                                        |  <b>12<sup>th</sup> INTERNATIONAL<br/>RUBBER GLOVE<br/>CONFERENCE &amp;<br/>EXHIBITION</b>                                                                                                                                                                                                                |
|                             | <b>HALL 6A, LEVEL 1</b>                                                                                                                                                                                                                                                                                     | <b>PLENARY HALL, LEVEL 1</b>                                                                                                                                                                                                                                                                                                                                                                   |
| 16:00 - 16:20<br>20 minutes | <b>Dr. Apinya Krainoi</b><br>Princess of Naradhiwas University<br><i>Effect of sodium alginate-stabilized conductive filler on the electrical conductivity and strain-sensing performance of natural rubber nanocomposites</i>                                                                              | <b>Dr. Phattarawadee Nun-Anan</b><br>Specialist - Chemical Innovation<br>Innovation Group (Thailand) Ltd, Thailand<br><i>Effect of Micro-and-Nano-sized Zinc Oxide Particles on the Properties of Natural Rubber Latex Films Prepared by Dipping Process.</i>                                                                                                                                  |
| 16:20 - 16:40<br>20 minutes | <b>Assoc. Prof. Dr. Ekwipoo Kalkornsuraanee</b><br>Division of Physical Sciences, Faculty of Science,<br>Prince of Songkla University,<br><i>Harnessing Non-Rubber Components and Property Relationships for High-Value Rubber Product Design</i>                                                           | <b>Dr. Darren Yi Sern Low</b><br>Colloidal and Polymer Group<br>Monash University, Malaysia<br><i>Advanced Rubber Material Innovations for Sustainable Glove and Protective Applications</i>                                                                                                                                                                                                   |
| 16:40 - 17:00<br>20 minutes | <b>Mr. Masato Suzuki (AREF-SRIJ Rising Star Award)</b><br>The Yokohama Rubber Co., Ltd.<br><i>Study of Image-Processing Method for Enhanced Visualization of Nanoscale Rubber Cross-Linked Network Structures from Electron Microscopy Images</i>                                                           | <b>Assoc. Prof. Dr. Ekwipoo Kalkornsuraanee</b><br>Associate Professor<br>Prince of Songkla University, Thailand<br><i>Novel Glutaraldehyde Crosslinking in Natural Rubber Latex: Mechanisms, Synergies, and Antimicrobial Applications</i>                                                                                                                                                    |
| 17:00 - 17:20<br>20 minutes | <b>Ms. Orrawan Pongchumpon</b><br>Manager of Research Center of Innovation Group<br>Innovation Group (Thailand) Ltd<br><i>Technical Solutions in Recycled Plastic</i>                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                |
|                             | <b>Chair by Associate Professor Dr. Kannika Sahakaro</b><br>Prince of Songkla University                                                                                                                                                                                                                    | <b>Chair by Prof Dr. Azura Binti A. Rashid</b><br>12th IRGCE 2026 Conference Technical Committee<br>School of Materials & Mineral Resources Engineering<br>Universiti Sains Malaysia                                                                                                                                                                                                           |

| Day 3, 10 September 2026 - updated 18 August 2026 |                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                   |  <b>ASIA RUBBER-ELASTOMER<br/>FEDERATION INTERNATIONAL<br/>CONFERENCE 2026<br/>(AREF-IC 2026)</b>                                                                                                            |  <b>12<sup>th</sup> INTERNATIONAL<br/>RUBBER GLOVE<br/>CONFERENCE &amp;<br/>EXHIBITION</b>                                                                                                                         |
|                                                   | <b>HALL 6A, LEVEL 1</b>                                                                                                                                                                                                                                                                       | <b>PLENARY HALL, LEVEL 1</b>                                                                                                                                                                                                                                                                         |
| 09:00 - 09:20<br>20 minutes                       | <b>Keynote 3</b>                                                                                                                                                                                                                                                                              | <b>Dr. Bob Groves</b><br>Institute for Energy and Environmental flows<br>University of Cambridge, United Kingdom<br><br><b>The Process of Nitrile Latex Coagulant Dipping – A Review Part1: Particle Chemistry &amp; Film Physics</b>                                                                |
| 09:20 - 09:40<br>20 minutes                       | <b>Ts. Dr. Chua Wen-Shyan</b><br>Head of Malaysian Smart Factory 4.0, Selangor Human Resource Development Centre (SHRDC), Malaysia<br><br><b>From Smart to Sustainable: Harnessing AI, SIRI and COSIRI to Shape the Future of Rubber Manufacturing</b>                                        | <b>Prof. Alex Routh</b><br>Department of Chemical Engineering and Biotechnology<br>University of Cambridge, United Kingdom<br><br><b>The Process of Nitrile Latex Coagulant Dipping – A Review Part2: Colloidal Science and Coating Technologies for Improved Performance in Glove Manufacturing</b> |
| 09:40 - 10:00<br>20 minutes                       | <b>Assoc. Prof. Dr. Arshad Adam Salema</b><br>Sustainable Energy and Development Lab, Department of Mechanical Engineering, School of Engineering,<br>Monash University Malaysia.<br><br><b>Alternative, sustainable, and hybrid energy sources for the commercial and industrial sectors</b> | <b>Dr. Andrew Kells</b><br>Vice President of Innovation and Intellectual Property<br>YTY Group, Malaysia<br><br><b>Optimizing the Last Line of Defense: The Critical Role of PPE Design in Limiting Contaminant Transfer and so in Preventing Nosocomial Infections</b>                              |
| 10:00 - 10:20<br>20 minutes                       | <b>Mr. Ahmad Supian</b><br>HF Mixing Group Services SEA Sdn Bhd<br><br><b>Efficient Manufacturing Of Rubber Compounds</b>                                                                                                                                                                     | <b>Dr. Chi Hoong Chan</b><br>Senior Polymer Scientist<br>Synthomer Sdn Bhd, Malaysia<br><br><b>Innovating Cleanliness and Comfort in Nitrile Gloves</b>                                                                                                                                              |
| 10:20 - 10:40<br>20 minutes                       | <b>Mr. Asmipudin Ali</b><br>Bridge Fields Resources Sdn Bhd<br><br><b>Rubber Industry Circular Alliance</b>                                                                                                                                                                                   | <b>Mr. Joshy Babu</b><br>Technical Service Manager<br>Getahindus (M) Sdn Bhd, Malaysia<br><br><b>Specialised Latex Grades to comply with the Future Rubber Glove Ecosystem</b>                                                                                                                       |
|                                                   | <b>Chair by Mr. Pong Kai See, FPRIM, FASE</b><br>PRIM Past President                                                                                                                                                                                                                          | <b>Chair by Dr. Ng Chiew Sum, Rubber Consultant</b>                                                                                                                                                                                                                                                  |
| 10:40 - 11:00                                     | <b>Coffee Break</b>                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                      |
| 11:00 - 11:20<br>20 minutes                       | <b>Dr. Nik Intan binti Nik Ismail</b><br>Malaysian Rubber Board<br><br><b>Sustainable Eco-EPDM Hose Compounds Reinforced with Recovered Carbon Black: Mechanical, Rheological and Ageing Performance</b>                                                                                      | <b>Dr. Eng Aik Hwee</b><br>12th IRGCE 2026 Conference Technical Committee<br>Trainer & Consultant, K&W Training & Consulting, Malaysia<br><br><b>Advancing Quality Assurance in Disposable Rubber Glove Industry</b>                                                                                 |
| 11:20 - 11:40<br>20 minutes                       | <b>Dr. Mahmud Iskandar Bin Seth A Rahim</b><br>Malaysian Rubber Board<br><br><b>ACOUSTICAL PERFORMANCE OF DRY AND LIQUID EPOXIDIZED NATURAL RUBBER (ENR) FOAMS</b>                                                                                                                            | <b>Ms. Amarjit Kaur</b><br>Director<br>SHEMSI Sdn Bhd, Malaysia<br><b>From Compliance to Competitiveness: The Role of Standards in Advancing Environmental Sustainability in the Rubber Glove Industry</b>                                                                                           |
| 11:40 - 12:00<br>20 minutes                       | <b>Mr. Mohd Afeiq bin Mohd Tajudin</b><br>Malaysian Rubber Board<br><br><b>DETERMINATION OF HEAVY METALS IN RUBBER GLOVES USING ATOMIC ABSORPTION SPECTROSCOPY BASED ON THE ISO 6101 SERIES: ENSURING SAFETY AND COMPLIANCE</b>                                                               | <b>Dr. Zameri bin Mohamed</b><br>Research Officer (Processing and Sustainability Unit )<br>Malaysian Rubber Board, Malaysia<br><br><b>Carbon Footprint Quantification for Malaysian Rubber Industry based on Life Cycle Assessment Methodology</b>                                                   |
| 12:00 - 12:20<br>20 minutes                       | <b>Assoc Prof. Dr. Norazliawati Muhamad Sarih</b><br>Faculty of Science, Department of Chemistry,<br>Universiti Malaya<br><br><b>Preparation of Soluble Highly Branched Polyisoprene by Anionic Polymerisation</b>                                                                            | <b>Dr. Tew Chian How</b><br>Sales Director<br>IBA Industrial, Belgium<br><br><b>Beyond Cobalt and Gas: X-ray and E-beam as the Sustainable Future of Sterilisation Session: Building Resilience through Green Technology for Climate Action</b>                                                      |
| 12:20 - 12:40<br>20 minutes                       | <b>Ts. Nik Zakaria bin Nik Yahya</b><br>Malaysian Rubber Board<br><br><b>FIVE (5) YEARS FIELD PERFORMANCE ASSESSMENT OF CUPLUMP MODIFIED ASPHALT (CMA) AT A HIGH TRAFFIC LOAD PAVEMENT</b>                                                                                                    | <b>Dr. Azira Abd Aziz</b><br>Senior Research Officer (Latex Science and Technology Unit )<br>Malaysian Rubber Board, Malaysia<br><br><b>The Next Generation of Biodegradable Gloves</b>                                                                                                              |
|                                                   | <b>Chair by Prof. MADYA, ChM. Dr. Khairiah Binti Badri</b><br>Universiti Kebangsaan Malaysia (UKM)                                                                                                                                                                                            | <b>Chair by:</b><br><b>Dr. Nurul Hayati binti Yusof</b><br><b>12th IRGCE 2026 Conference Technical Committee</b><br>Head of Innovation and Advanced Materials Development Unit<br>Technology & Engineering<br>Malaysian Rubber Board                                                                 |
| 12:40 - 14:00                                     | <b>Networking Lunch   Hall 7, Level 3 &amp; Exhibition Visit   Hall 1-5, Ground Floor</b>                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                      |
| 14:00 - 14:20<br>20 minutes                       | <b>Ms. Mahirah Mohd Idris</b><br>Malaysian Rubber Board<br><br><b>ECO-FRIENDLY ORGANOSILANE MATERIAL FOR SURFACE PRETREATMENT TO ENHANCE ADHESION AND CORROSION RESISTANCE IN RUBBER-METAL BONDING SYSTEMS</b>                                                                                | <b>Dr. Samsulida Binti Abdul Rahman</b><br>Director of Life Science Centre<br>SIRIM Berhad, Malaysia<br><br><b>Biosafety and Regulatory Compliance as Strategic Drivers in the Rubber Glove Industry</b>                                                                                             |
| 14:20 - 14:40<br>20 minutes                       | <b>Dr. Ismaliza Ismail</b><br>Malaysian Rubber Board<br><br><b>Epoxy-Modified Chlorinated Rubber Primer for Rubber-To-Metal Bonding Systems in Marine Environments</b>                                                                                                                        | <b>Mr. Shafizal Bin Yusof</b><br>Head of Licensing and Permits Unit<br>Malaysian Rubber Board, Malaysia<br><br><b>Safeguarding the Malaysian Rubber Glove Industry through Effective Licensing and Enforcement</b>                                                                                   |
| 14:40 - 15:00<br>20 minutes                       | <b>Mrs. Norhanifah binti Mohd Yazid</b><br>Malaysian Rubber Board<br><br><b>Assessing the Changes in Structural Integrity and Thermal Stability of Nitrile-Biofiller Film Under Soil Burial</b>                                                                                               | <b>Dr. Mohamad Danial Shafiq</b><br>Senior Lecturer<br>Universiti Sains Malaysia, Malaysia<br><br><b>Recovering Waste Latex from Bulk Residues and Wastewater: Insights on Circular Approach for the Glove Manufacturing Industry</b>                                                                |
| 15:00 - 15:20<br>20 minutes                       | <b>Assoc. Prof. Ir. Dr. Fathilah binti Ali</b><br>Department of Chemical Engineering and Sustainability,<br>International Islamic University Malaysia<br><br><b>Surface-Modified Natural Fibers in Natural Rubber Composites</b>                                                              | <b>Mr. Liew Zhen Kang</b><br>Technical Consultant<br>Hu Chang Xu Sdn Bhd, Malaysia<br><br><b>Stainless Steel Glove Formers: A Breakthrough in Energy Saving, Durability, and Sustainability for the Glove Manufacturing Industry</b>                                                                 |
| 15:20 - 15:40<br>20 minutes                       | <b>No Presentation. Proceed to Plenary Hall.</b>                                                                                                                                                                                                                                              | <b>Ts. Dr. Roland Ngewon Yen Wan</b><br>Rector of Academy Hevea Malaysia<br>Malaysian Rubber Board, Malaysia<br><br><b>Building Future-Ready Talent for the Rubber Glove Industry: Hands-on TVET and Generative AI Integration</b>                                                                   |
|                                                   | <b>Chair by</b>                                                                                                                                                                                                                                                                               | <b>Chair by:</b><br><b>Assoc Prof. Dr. Patrick Tang Siah Ying</b><br><b>12th IRGCE 2026 Conference Technical Committee</b><br>Monash University Malaysia                                                                                                                                             |
| 15:40 - 16:00                                     | <b>12th IRGCE 2026 &amp; AREF-IC Closing Ceremony, Plenary Hall Level 1</b>                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                      |
| 16:00                                             | <b>Coffee Break</b>                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                      |

| POSTER PRESENTATIONS               |                                                                      | - as of 7 July 2026, subject to change                                                                                                                                                               |
|------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Karen Ng Mei Pou                   | Monash University Malaysia                                           | Enhancing the Physicochemical Properties of Carboxylated Nitrile Butadiene Rubber Using Palm-Based Nanocellulose                                                                                     |
| How Sher Wei                       | Monash University Malaysia                                           | Advanced Moisturising Gloves with N-Acetylneuraminic Acid (NANA) for Sustained Skin Hydration                                                                                                        |
| Phuah Rou Jie                      | Universiti Malaya                                                    | Starch-Based Biopolymers as Sustainable Alternatives: A Review                                                                                                                                       |
| Abdul Qayyum Firdaus bin Yus'aimei | Universiti Malaya                                                    | Effects of 18-Crown-6 on the Living Anionic Polymerization of Poly(Methyl Methacrylate) at Ambient Temperature                                                                                       |
| Aziha Mohd Salmi                   | International Islamic University Malaysia                            | Effect of Polyurethane with Various Carbon-based Fillers on Tensile Properties for Surface Coating Applications                                                                                      |
| Nur Yasmin Hanani Mohd Khairani    | Universiti Teknologi Mara                                            | Smart Sustainable Outerwear from Recycled Plastic Bags: An Innovative Waste-to-Product Solution                                                                                                      |
| Nadia Wan Azman                    | Universiti Sains Malaysia                                            | Physicomechanical Performance and Aging Behavior of Polycarbodiimide-Crosslinked Accelerator-Free Carboxylated Nitrile Butadiene Rubber Latex Gloves                                                 |
| Dong Siew Feng                     | Universiti Malaysia Perlis                                           | Nitrogen Removal by Ganoderma lucidum Pellets                                                                                                                                                        |
| Marsya Syahira Marzuizuddin        | International Islamic University Malaysia                            | Sustainable Agricultural Mulch Films: Enhanced Flexibility of PLA/TPU/Natural Fiber Composites                                                                                                       |
| Fatin Humaira Binti Mohd Fairuz    | International Islamic University Malaysia                            | Characterization Of Polylactic Acid/Fiber Composites for Cosmetic Patch                                                                                                                              |
| Neettha a/p Nai Sem                | Universiti Sains Malaysia, Tuanku Syed Sirajuddin Engineering Campus | Development of Sustainable Antimicrobial Latex Films for Stethoscope Diaphragm Cover Applications                                                                                                    |
| Asma Izzati Asmadi                 | Universiti Sains Malaysia, Tuanku Syed Sirajuddin Engineering Campus | Investigation of Ageing and Weathering Properties of Self-Healing Rubber                                                                                                                             |
| Ng Joey                            | Monash University Malaysia                                           | Development and Evaluation of High-Acyl Gellan Gum-Based Biopolymer Coatings for Sustainable Paper Food Packaging: Formulation Optimization, Environmental Assessment, and Food Storage Applications |
| Muhamad Sharan Musa                | Universiti Sains Malaysia                                            | Prediction of Mold Filling and Air Entrapment in Natural Rubber Injection Molding Using a Homogeneous Multiphase Volume-of-Fluid CFD Model                                                           |
| Nur Farah Liyana binti Mohd Fauzi  | Universiti Sains Malaysia                                            | The Preliminary Study of Electric Vehicle Tire Tread Formulation: A Review                                                                                                                           |
| Nur Fazreen Binti Alias            | Universiti Sains Malaysia                                            | Development of Sustainable Conveyor Belt Compounds Based on Reclaimed Rubber                                                                                                                         |
| Aliyu Tijjani Fadawa               | Universiti Sains Malaysia                                            | Liquid Microbial Consortia for Biodegradation of Volatile Organic Compounds and Volatile Fatty Acids in Rubber Processing Emissions                                                                  |

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|----------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Darren Low Yi Sern               | Monash University Malaysia                                          | Cosmic Coat: Stretchable Natural Rubber Shield for Space Radiation Protection                                                                                               |
| Siti Nur Aishah bt Adnan         | Universiti Sains Malaysia Tuanku Syed Sirajuddin Engineering Campus | Effect of Silica Loadings on Properties of Waterborne Styrene-Acrylate Films                                                                                                |
| Khim May Ooi                     | Xiamen University Malaysia                                          | Hydrodeoxygenation of Palm Fatty Acid Distillate over Ni-Supported Defatted Spent Coffee Ground-Derived Activated Biochar Catalyst for Sustainable Aviation Fuel Production |
| Andersson T'ng Khai Shern        | Xiamen University Malaysia                                          | Development of Thin Film Nanocomposite Membrane with Ionic Liquid Functionalized Graphene Oxide for Effective CO2 Separation                                                |
| Tan Wen Jian                     | Monash University Malaysia                                          | Dimensionality Effects of Carbon Nanomaterial Coatings on Surface Functionalization and Wettability for Advanced Micro Heat Pipe on Electronic Cooling                      |
| Gabriella Ivana Sugianto         | Xiamen University Malaysia                                          | IoT-Driven Diagnostic Guidelines for Precision Orchard Management                                                                                                           |
| Adnin Najeelah Azman             | Universiti Malaya                                                   | Isolating Sustainable Bio-Fillers for Next Generation Rubber Latex                                                                                                          |
| Dzaidatu Aqmal Ramlee            | Universiti Malaya                                                   | Hybrid Polymer-Based Hydrogels for Wound Dressing Applications: A Review                                                                                                    |
| Amiera Balqis Binti Zainalabidin | Universiti Malaya                                                   | Poly(lactic Acid) for Sustainable Agricultural Applications: A Review                                                                                                       |
| Jennifer B. Antonio              | Monash University Malaysia                                          | Investigation of the Thermal Properties of Sayote (Sechium edule) Fiber Loaded Starch/PVOH Composite Blends                                                                 |