

**IRC**   
**RUBBERCON**  
**2024**

**Tread Rubber &  
Re-Treading Technology**

**03<sup>rd</sup> – 04<sup>th</sup> DEC 2024**  
LE MERIDIEN, KOCHI, KERALA

**REGISTER NOW!**

Email: [secretariat@rubbercon2024.com](mailto:secretariat@rubbercon2024.com)

**[www.rubbercon2024.com](http://www.rubbercon2024.com)**

Dear Sir

We are pleased to inform you that the Indian Rubber Institute (IRI) is organizing the International Rubber Conference, RubberCon2024, with the theme “Sustainable Development in Rubber Industry-Challenges and Opportunities” at Le Meridien, Kochi, Kerala, India, from 5 to 7 December 2024. This is the officially designated International Rubber Conference of IRCO, London, UK.

The International Rubber Conference Organization (IRCO) is an association of rubber societies worldwide that plan the calendar for important International Rubber Conferences. The present members of the IRCO are Australia, Brazil, China, the Czech Republic, France, Germany, India, Japan, Korea, Malaysia, the Netherlands, NGTR, the Slovak Republic, Thailand, Turkey, the UK, and the USA.

As part of this grand event, the Indian Rubber Institute (IRI) is organizing a two-day Symposium on Tread Rubber & Re-treading Technology. Industry experts renowned for their work in the tyre, tread rubber, and re-treading industries will conduct the classes. The biodata of the speakers are enclosed

The symposium will discuss all aspects of the technology involved in tread rubber design, quality systems, test methods, standards, regulations, failure analysis, and manufacturing. They will also focus on different methods of re-treading, such as Flat Tread, Ring Tread, and the latest hot process method. Speakers may also devote time to make the participants to understand raw materials, replacement of non-sustainable materials with sustainable materials, and design approaches to optimize the cost of tread rubber and retreading process

This is a unique opportunity to gain in-depth knowledge from these industry leaders. The symposium will be held at the same venue on December 3rd and 4th, 2024. Please take advantage of this great opportunity by participating and deputing a sufficient number of people from your esteemed organization



**P.K.Mohamed**  
Chief Convener – RubberCon 2024



**Dr. R Mukhopadhyay**  
Chairman-IRI



**V.K. Misra**  
Vice Chairman, IRI

## International Rubber Conference Organization (IRCO)

The International Rubber Conference Organization (IRCO) is an association of rubber societies around the world which plan the calendar for the main international rubber conferences. By careful selection of conference proposals and monitoring of events, the IRCO ensures that all conferences run by its member societies meet the very demanding requirements dictated by the IRCO and thus provide delegates with first-class conferences.

## Indian Rubber Institute (IRI)

Indian Rubber Institute (IRI) is a professional body of Technologists, Engineers, Scientists, Academicians, and Professionals associated with the Indian Rubber industry. It was registered on 25th May 1987 under West Bengal Societies Act XXVI of 1961 and is the successor in India of Plastics and Rubber Institute (PRI), London, U.K. IRI is a non-profit organization engaged in the development of diverse areas of technological education, training and skill development in Rubber sector. Affiliated with American Chemical Society (ACS), Rubber Division Member of International Rubber Conference Organization (IRCO), UK. IRI is also an approved Training Provider of Rubber, Chemical & Petro Chemical Skill Development Council (RCPSDC), under the National Skill Development Corporation (NSDC), Govt. of India

## Mr. Rajesh Dahiya

Vice President Commercial (India & SAARC) Apollo Tyres Ltd Gurgaon



Rajesh Dahiya serves as the Vice President of Sales, Marketing & Service for India and SAARC at Apollo Tyres. A Tyre industry veteran with over 25 years of experience, Rajesh has been instrumental in driving the company's growth and expansion across key markets. Throughout his career, he has held various leadership roles in sales and marketing, consistently delivering strategic initiatives that have strengthened Apollo's market position. His contributions to the industry have been recognized with his appointment as ATMA Marketing Convenor on three occasions. Rajesh's deep expertise, combined with his visionary approach, continues to inspire and lead the way in the dynamic and ever-evolving Tyre industry

## Mr. Unnikrishnan P K

Head – R&D Tyre Testing & Re-tread Research, Global R&D Centre Asia – Apollo Tyres Ltd



As a Tyre Technologist for 25 years, Unnikrishnan P K is passionate about creating new ways of Tyre characterization methods. He has been pivotal in establishing the 'state-of-the-art' Tyre Test Laboratory and Re-tread Research and Training Centre at Apollo Tyres Global R&D—Asia. His 10-year tenure in various rubber and allied industries functions has given him broader business acumen. As an ardent tyre industry professional, Unnikrishnan P K supports environmental sustainability and sustainable development. He has been the convener of the 'Re-tread Sub-Committee' at the 'Indian Tyre Technical Advisory Committee' (ITTAC), bringing severe focus to re-treading, a green recycling process. He is also an 'Expert Group Member' of ITTAC on Tyre certification & labelling tests. Unnikrishnan P K has been a regular speaker in Tyre technology forums, has a few patents, and has published in the Rubber Science journal..

## Mr. Matthias Leppert,

Chief Operating Officer, Marangoni Group



Matthias Leppert is the Chief Operating Officer of the Marangoni Group, a global integrated player in tyre retreading and has been with the Group for 28 years. An electronics engineer by education from Fern Universität at Hagen, Germany and a Diploma in Economics and fluent in German, English, Italia and Portuguese, Matthias Leppert travels the globe leading the Group as it continues to grow its footprint on all continents. When he is not on the road travelling, he operates out of Germany and Italy. Retreading, however, is not how Matthias started his career; he worked for the German Air Force for 11 years from 1979-1990 and his last held position was a 'Captain'. After a stint at Phoenix AG at Hamburg, Matthias joined Group Marangoni as Director of Manufacturing at Marangoni Retreading Systems Deutschland in 1996 and later took over as the CEO and Managing Director, a position he continues to hold today. Currently he also serves as the President of the Board of Leader Rubber Company South Africa (a 100% subsidiary of Marangoni Group), President of the Board of Gummi service Produksjon AS, President of the Council of Pneusmarket and Member of the Council at Fedi Gomme. For increasing the success of the Marangoni Group in the tyre retreading sectors as well as in OTR sector, Matthias Leppert won the Best Company Director Award at the Global Recircle Awards 2024.

## Mr. Rajiv Mathur

Head, Indag Consultancy Programmes



Mr. Rajiv Mathur, with over 44 years of experience in the tyre industry, is a seasoned professional. His journey from a technical trainee at Goodyear Tyres to a Senior Deputy General Manager at Indag Rubber Ltd. is a testimonial of his tyre development, design, and evaluation expertise. In 1990, he joined Apollo Tyres as Assistant Manager – Technical Service, overseeing field testing and training. In 2001, he joined Indag Rubber Ltd. in a middle management position and gradually rose to Senior Deputy General Manager. He has vast experience in the flat tread process of tyre retreading, product design and development, field evaluation, troubleshooting and quality assurance. At present, Mr Mathur heads the Indag Consultancy Service Program, advising retreaders on various aspects of the retreading process, equipment selection, project implementation, and training of plant people and customers. He is considered an expert in this field

## Dr. Sarat Ghosh

Vice President of R&D at Himadri Speciality Chemical Ltd, CTO Birla Tyres Ltd.



Dr. Ghosh has over 30 years of industrial experience and has worked in several reputed Tyre industries including JK Tyres, Apollo Tyres, Birla Tyres etc. He is Vice President of R&D at Himadri Speciality Chemical Ltd and also working as Chief Technology Officer of the recently taken over (jointly with DBRL) Birla Tyres Ltd. He has vast experience in Tyre Technology, which includes setting up the R&D Centre, Material and Compound research, Tyre Design and AMP simulation, Process Technology, and New Product Development—truck Bus Radial and Passenger Car Radial Tyres and Bias and off-highway Tyres. Dr. Ghosh's research interests include nanotechnology, New Materials, and Tire Simulation. He has over 12 technical publications, including 3 international refereed journal papers, and over 20 citations since 1993. He was a member of CenTiRe.

## Mr. Ahamed Sherief

Quality Consultant



Ahamed Sherief is one of the sought-after leaders in quality management and business excellence systems, with over 25 years of experience in different rubber and non-rubber industries. He has worked in Moex India Ltd, NCR Corporation, CUMI (Murugappa Group) TE connectivity, and Apollo Tyres Ltd. He has expertise in Quality Management Systems such as ISO9001, TS16949, six sigma and lean manufacturing. He is an expert in TQM and is responsible for implementing such a system in different companies. He was one of the important members of the team who was responsible for achieving Deming Award for Apollo Tyres Ltd. His knowledge in all areas of quality systems and management in the rubber industry is excellent.

Schedule for the workshop		
3 <sup>rd</sup> December 2024		
Time	Title of the subject	Speaker
08.30 to 09.00	Inauguration of the Workshop	
09.00 to 11.00	Latest hot process of re-treading technology to meet sustainable standards and enhance field performance	Mr. P.K. Unnikrishnan
11.00 to 11.15	Coffee Break	
11.15 to 12.45	Flat Tread Pre-cured Tread Rubber Technology – Challenges and Opportunities	Mr. Rajiv Mathur
12.45 to 13.30	Lunch Break	
13.30 to 15.30	Sustainable Tyre Solution with special focus on Marangoni Ringtread for Emerging Needs of Truck Tyre Re-Treading	Mr. Leppert
15.30 to 15.45	Coffee Break	
15.45 to 17.00	Sustainable Tyre Solution with special focus on Quality Assurance system for re-treading industry	Mr. Ahamed Sherief
19.00	Dinner	
4 <sup>th</sup> December 2024		
08.30 to 09.30	Quality Assurance system for re-treading industry Compounding technology to achieve the performance requirements such as traction, mileage, Rolling Resistance and Sustainability	Mr. Ahamed Sherief
09.30 to 10.30		Dr. Sarat Ghosh
10.30 to 10.45	Coffee Break	
10.45 to 12.15	Future of Indian Tyre Industry – Opportunities and Challenges	Mr. Rajesh Dahiya
12.15 to 13.00	Lunch Break	
13.00 to 15.00	Importance of material testing and evaluation to meet performance requirements of tread rubber	Dr. Sarat Ghosh
15.00 to 15.15	Coffee Break	
15.30 to 17.00	Panel Discussion	

The program is designed to provide an in-depth understanding of tread rubber and re-treading technologies to help the participants gain adequate knowledge to deal with day-to-day problems and build the capability to enhance business potential. The speakers will cover the following subjects during teaching:

- Re-treading technologies such as FLAT TREAD, RING TREAD, and HOT PROCESS of re-treading technology and its merits and demerits
- Compounding approach to design compounds for snow, ice, wet traction, mileage, durability, ozone resistance, aging resistance, and cut & chip resistance
- Designing compounds to meet the regulations and standards for sustainability
- Optimization of cost and enhancement of performance
- Quality Assurance systems to achieve business excellence
- Testing and evaluation requirements of raw materials, in-process and outgoing products
- Designing of mould and manufacturing systems
- Failure analysis and corrective actions

# WORKSHOP VENUE

**Le Méridien hotel**

Kochi, Nettoor, Maradu, Kochi, Ernakulam, Kerala 682304

**3<sup>rd</sup> and 4<sup>th</sup> December 2024**



## COURSE FEE

INR 20,000 + 18% GST

Domestic Participants

USD 320 + 18% GST

International Participants

**Contact Person: Mr. Shambhu Namboodiri**

**Email: [secretariat@rubbercon2024.com](mailto:secretariat@rubbercon2024.com) / [secretariat1@rubbercon2024.com](mailto:secretariat1@rubbercon2024.com)**

**Mob. +91 90746 13246 /+91 85473 44451 /+91 93886 10189**

## CONFERENCE SECRETARIAT – RUBBERCON 2024

C/o. Associated Rubber Chemicals (Kochi) PVT. LTD.

Assochem Chambers, NH47 Bypass, Edappally, Kochi – 682024, Kerala, India.