

Mixing Technology Course

13th & 14th April 2021, Hotel Hilton, Chennai, Tamil Nadu, India



Supported by
HF Mixing Group, Germany



Dear Sir / Madam,

We are pleased to inform you that International rubber conference organization (IRCO) and Indian Rubber Institute (IRI) are organizing IRC2020 during 15th to 17th April 2021 in Chennai Trade Center, Chennai, Tamilnadu, India. The theme of the conference is “Sustainable technology, innovation and Mobility”.

The present members of the IRCO are Australia, Brazil, China, Czech Republic, France, Germany, India, Japan, Korea, Malaysia, the Netherlands, NGTR, Russia, Slovak Republic, Thailand, Turkey, UK and USA. The conference will be held on rotation basis in all these countries. As a part of this mega event Indian Rubber Institute (IRI) is organizing a **Mixing Technology Course** with the support of **HF Mixing Group**, Germany. Mr. Alan Ashworth, Mr. Christoph Holzbach, Mr. MN Aji and Mr. Alexander Quast are taking classes for the participants. **The programme will be held on 13th and 14th April 2021, Hotel Hilton, Chennai. The participation fee for two days programme is Rs.20,000/- for Indians and USD 350 for international participants.** This will be a great opportunity for budding compound and mixing technologists to enhance their knowledge to perform better in their carrier. Requesting your participation in this programme to make it a great success

Thanking you for your support.

P.K.Mohamed

Chief Convener

IRC2020, Chennai, India

MIXING OF RUBBER COMPOUNDS

The goal of mixing is to provide rubber composites having useful performance and processing properties. It also must provide consistency and uniformity. Any short coming in the areas of a rubber compound mixing such as poor dispersion of all ingredient's, additives and also blending of a different grade of rubber used for compounding may be shown up in downstream processes and in service. This may lead to unacceptable level of rejections in downstream process stages and final products. It is of paramount importance that the mixing process must be optimized with respect to processing characteristics of the compound and its performance. Speaker will cover these topics comprehensively during the seminar and panel discussion. The speakers may provide adequate technical and practical explanation of problems faced by manufacturing on mixing & subsequent processing.

COURSE CONTENT

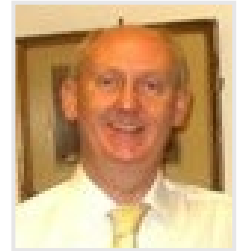
- Tangential mixing technology
- Intermix mixing technology
- Tandem mixing technology
- Kneader mixing technology
- Optimization of a mixing parameters
- Preventive maintenance parameters
- Troubleshooting
- How to improve rheological and failure properties of compounds through adoption of proper mixing technology
- Selection of mixing technology.
- Industry 4.0 concepts in Mixing
- Silica Technology
- Mixing of Specialty Rubbers

There will be a panel of discussion participating best experts in the area of product and compound design and compound mixing.



Mr. MN Aji

Mr. MN Aji is one of the well-known Mixing Specialists, with an abundant knowledge and skill in the field of Mixing Technology of Tangential, Intermeshing, Tandem and Kneader (UMIX). He is an expert in resolving issues related to internal mixers and mixing process. He is presently working as a Manager Process Technology, located at IUHF Bangalore / HF Mixing Group and active across the world. His qualifications are MTech in Chemical Engineering and Diploma in Polymer technology. He has completed 27 years of experience in mixing processes and maintenance of equipment. He has participated several National and International Seminars, Conferences and also conducted workshops in India and abroad.



Mr. Alan Ashworth

Mr. Alan Ashworth has got several years of experience in the field of Installation and Commissioning of different types of internal mixers such as Tangential and Intermeshing. He is an expert in the field. At present he is working as Area Sales Manager India and Sri Lanka. He started his career at Farrel Ltd in 1973 as a Sales Engineer and continued to work in the organisation for the last 47 years in different important positions. He has graduated in Mechanical Engineering from one of the well-known universities of England. He has presented several papers in the National and International Conference and participated in several workshops.



Mr. Christoph Holzbach

Mr. Christoph Holzbach is Manager Market Development and Area Sales Manager for HF Mixing Group for India, Sri Lanka, Pakistan, Bangladesh and Nepal. He joined the HF- Mixing Group Organisation in 2008 and has been working in different important positions for the last 29 years. He holds a Master in Designing and Mechanical Engineering from reputed University of Siegen and Dortmund, Germany. He has presented papers in several National and International conferences. He is well respected and recognised as a specialist in the field of Mixing Technology. He has also conducted several workshops in India and other countries in the world.



Mr. Alexander Quast

Mr. Alexander Quast is a System Solution Specialist in the HF Mixing Group. He has 19 years of experience in the Company and hold several important positions. As a Manager of the Technical Center at HF MG Germany he has supported the Research & Development of various innovative developments. Since beginning of 2018 onwards he is worldwide working as a System Solution Specialist for Mixing Room Layout and throughput Optimization. He holds a Technical degree in Mechatronics as well as a further advanced degree in Electronics. He earned a very good reputation in field of state-of-the Art Mixing Room Solutions. He presented several papers in National and International conferences.

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 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 is Training Provider of Rubber Skill Development Council (RSDC). IRI along with IRCO is organizing International Rubber Conference, IRC 2020 in Chennai from 15th to 17th April 2021.



*For further details / registration, please contact IRC2020 Workshop Convener Mr. Jiby Isaac
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IRC 2020 CONFERENCE & EXPO SECRETARIAT

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