

Friday 21st November 2014

Session No. & Topic	Time	Topic	Author	Organization
	08:30-09:30	Registration		
	09:30-11:00	Inaugural Program		
	11:00-11:30	High Tea		
I	I -1			
Elastomeric Materials, Chemicals and Compounding Ingredients	11:30-12:00	"Green Mobility - Technology Trends and Development"	Dr. R. Mukhopadhyay	J K Tyres & Industries Ltd.
	T 1			
	12:00-12:20	Nitrile rubber compounds with improved flex crack resistance	Dr. Siby Varghese	Technical Consultancy Division, Rubber Research Institute of India, Kottayam, Kerala
	T 2			
	12:20-12:40	Mixing Behaviour of elastomer compositions containing reinforcing Silica in presence of Cellulose	Dr N Natchimuthu	Department of Rubber & Plastics Technology, MIT Campus, Anna University, Chromepet, Chennai
	T- 3			
	12:40-13:00	Improving Processing & Flame Retardancy in Rubbers Elastomers with SIDISTAR®	Mr. Iyer Srinivasan S S	Elkem South Asia Pvt. Ltd, Vashi, Navi Mumbai
Lunch Break 13:00 - 14:00				
Session No. & Topic	Time	Topic	Author	Organization
II	I - 2			
Tyre Technology and Tyre Labeling	14:00-14:30	Emerging trends in Tyre Technology for sustainability	Mr. Tom Thomas	CEAT Tyres Ltd.
	I-3			
	14:30- 15:00	Effect of heat treatment on Polyester tyre cord properties and structure.	Prof.(Dr) Dipak Khastgir	Rubber Technology Centre, Indian Institute of Technology, Kharagpur
	T- 4			
	15:00- 15:20	Enhancement of Rubber Filler Interaction in the PCR Tread Compound Based on New Generation Solution Polymerised Elastomers with surface modified Silica and Nano-silica	Mr. Jatin Darve	Rubber Technology Centre, Indian Institute of Technology, Kharagpur
	T-5			
	15:20- 15:40	Emerging Trends in Global Tyre Regulations for Sustainable Growth	Mr. Niteesh K Shukla	Indian Rubber Manufacturers Research Association (IRMRA) Thane
Tea/Coffee 15:40 - 16:00 hrs				
Session No. & Topic	Time	Topic	Author	Organization
III	T-6			
Testing and Characterization of Rubber and Rubber Products	16:00 - 16:20	Deflection Analysis of an Elastomeric Pad	Prof. B K Suryatal	Mechanical Engineering Department, College of Engineering Pune
	T -7			
	16:20-16:40	Dielectric and mechanical properties of silicone rubber-conductive filler composites	Mr. G. Rajesh	Elastomers Division, HTCC, Advanced Systems Laboratory, DRDO, Hyderabad
	T -8			
	16:40-17:00	Effect of reprocessing and accelerated ageing on a WEEE derived engineering thermoplastic blend	Mr. Sarath P	CIPET, Bhubaneswar
	T- 9			
	17:00-17:20	Effect of Carbon Black and Vulcanization system on Dynamic property of Polychloroprene	Mr. Bhagaban Panda	Ramcharan Co. Pvt Ltd, Mumbai
Panel Discussion				
	17.30 - 18. 15	Panel Discussion on "Global Issues related to Raw Materials and Rubber Products".	Prof. (Dr.) Anil K. Bhowmick, Dr. R. Mukhopadhyay, Mr. Rajiv Budhbraja	
	18:45- 20.00	Cultural Program		
	20:00 Onwards	Cocktail & Dinner		

Saturday 22nd November 2014

Session No. & Topic	Time	Topic	Author	Organization
IV	I - 4			
Nano-fillers & Polymeric Composites	09:30 - 10:00	Why are rubber nanocomposites so exciting ?	Prof. (Dr.) Anil K. Bhowmick	Rubber Technology Centre, Indian Institute of Technology, Kharagpur
	T - 10			
	10:00-10:20	Preparation and Characterization of Novel Thermoplastic Elastomer based on Nylon6 and Carboxylated and Hydrogenated Nitrile Rubbers and Study on effect of Short Fibre and Nanofiller on their Miscibility and Processing Characteristics	Dr. Deepak K Setua	Defence Materials and Stores Research & Development Establishment, DMSRDE, Kanpur
	T - 11			
	10:20-10:40	Synthesis and characterization of PNIPAM coated magnetic nanoparticles	Ms. Bikramjit Kaur	University School of Chemical Technology, GGSIPP University
	T - 12			
10:40-11:00	Quantification of Dispersion of Halloysite Nanotubes in Poly(ethylene-co-vinyl acetate-co-carbon monoxide)/Halloysite Nanocomposites and its Correlation to the Properties of the Nanocomposites	Mr. Gibin Gorge	NIT, Suratkal	
Tea/Coffee 11:00- 11:15 hrs				
Session No. & Topic	Time	Topic	Author	Organization
V	I - 5			
Biodegradable Materials & Fillers & Waste Utilization	11:15-11:45	Conversion of Lignocellulosic biomass into biopolymers	Dr. Chinnappan Baskar	THDC Institute of Hydropower Engineering and Technology, Tehri
	T - 13			
	11:45-12:05	Mechanochemical Devulcanization of Vulcanized Natural Rubber by Dual Function Disulfide Chemicals	Dr. Debapriya De	MCKV Institute of Engineering, Howrah (WB)
	T-14			
	12:05 - 12:25	A novel and efficient mechano-chemical devulcanisation process	Ms Anu Mary Joseph	RT DIVISION, RUBBER RESEARCH INSTITUTE, Kerala
	T - 15			
	12:25- 12:45	Influence of Network Structure on the Viscoelastic Properties of Dynamically Vulcanized Rubber/Plastic Blends to be Used in Dynamic Automotive Applications	Mr. Pranab Dey	Rubber Technology Centre, Indian Institute of Technology, Kharagpur
	I-06			
12:45 - 13.15	Benefits of Pulse-Fill Molding Techniques for Tyre Industry	Dr. Van Walmorth	Techno-Biz Corporation, USA	
Lunch Break 13:15 - 14:00 hrs				
Session No. & Topic	Time	Topic	Author	Organization
VI	T-16			
Testing and Characterization of Rubber and Rubber Products	14:00- 14:30	Prediction of Seal Life under Hydraulic oil environment by Compression Stress Relaxation	Mr. Asseref. PM	Elastomers Division, HTCC, Advanced Systems Laboratory, DRDO, Hyderabad
	T-17			
	14:30- 14:50	Indigenous Development Of Electric Insulating Heat-Resistant (Self Adhesive) Elastomeric Tape For Fighter Aircraft	Ms. Poonam Shrivastav	HAL, Nashik
	T - 18			
	14:50- 15:10	Relflex Cisamer 1220 v/s Nd BR Grades: Comparative Evaluation	Mr. Bharat B Sharma	Reliance Industries Ltd. Navi Mumbai
	T - 19			
15:10- 15:30	Rubber testing & Characterization by DSC and TGA	Ms. Sujatha Ramesh	Netsch Technologies India Pvt Ltd, Mogappair, Chennai	
Tea/Coffee 15:30 - 15:45 hrs				
Session No. & Topic	Time	Topic	Author	Organization
VII	T-20			
Testing and Characterization of Rubber and Rubber Products	15:45-16:05	Indigenous Development Of Inflatable Seal For Fighter Aircraft	Mr. Hitendra	HAL, Nashik
	T-21			
	16:05-16:30	Standardization of Test Methods for Rubber and Rubber Products	Ms. Navitha Yadav	PCD, BIS
	T-22			
	16:30-16.50	POLYVINILIDENE FLUORIDE NANOCOMPOSITE FILMS FOR PRESSURE SENSING APPLICATION	Mr. Sairaj Adithyakumar Varma	CIPET, Bhubaneswar
16.50 onwards	Valedictory Session			

IRMRA's 22nd Rubber Conference, on 21st - 22nd Nov. 2014 @ IHC New Delhi

Technical Paper Session Chairperson / Co-Chairperson Management

Session No.	Session Topic	Name of Chairperson	Name of Co-Chair
I	Elastomeric Materials, Chemicals and Compounding Ingredients	Prof. Anil K Bhowmick	Mr. Tom Thomas
II	Tyre Technology and Tyre Labeling	Dr. R Mukhopadhyay	
III	Testing and characterization of Rubber and Rubber Products	Prof. Dipak Khastigir	Mr. V K Mishra
IV	Bio-degradable Material, Recycling & Waste Utilizations	Dr. Siby Varghese	Dr. M.S Banarji
V	Nano-fillers & Polymeric Composites	Dr. N. Natchimuthu	Dr. Debapriya De
VI	Testing and characterization of Rubber and Rubber Products	Dr. Deepak K Setua	Dr. Van Walmorth