

AUTOMOTIVE & LAND TRANSPORTATION FORUM

- MARKET TRENDS: AUTOMOTIVE, TRUCK, BUS, TRAIN
- MANUFACTURING & PROCESSING IMPROVEMENTS
- CLOSED MOULDS AND RECYCLING SOLUTIONS

FRIDAY, OCTOBER 24TH, 10.30AM / 1.30PM



Moderator

➤ **BCH, Mrs. Ritika Gupta, Executive Director**

Ms. Ritika Gupta born in 1971 has been associated with the Textile industry in India for over 15 years and has been working in the technical textile industry for almost five years. She graduated as a bachelor of commerce and has undergone various technical training programmes in textiles. From, 2005 as a co-founder of BCH she has been active in strategy and marketing operations. She is also the Editor of BCH news line –TechTex India, the first publication in India dedicated to this industry. She is passionate about taking the nascent technical textiles (including nonwovens and composites) industry in India to greater heights and strongly feels that the Indian growth story needs to be well tailored for it to be more effective and sustainable.

She is currently the executive director of BCH which is a conduit for boosting the nascent Technical Textile industry in India and co-ordinates business activities and facilitates collaboration all across the globe. It offers a set of customized services, through its 365 day showroom/ Training Workshops /Seminars/Conferences/Market Researches/ R&D Solutions and Publication – TechTex India. By acting as a gateway for Indian and overseas companies, BCH assists in strategizing, Tie ups and Alliances and also offers Global Sourcing Solutions. The BCH Showroom allows the global organizations to showcase network and sell their products.

TABLE OF CONTENTS

1	Indian Automotive Textile Industry: An Overview & Market Perspective	3
	<p>➤ BCH, Mrs. Ritika Gupta, Executive Director</p> <ul style="list-style-type: none"> - An overview of the Global Automotive Industry - An overview of the Indian Automotive Industry - Current production scenario and market share of different textile components - Challenges faced - Government Initiatives - Future Potential 	
2	Application of CAD/CAM and CAV in the manufacture of composite parts	27
	<p>➤ DELCAM PLC, Mr. Hans Kunen, Business Development Manager</p> <ul style="list-style-type: none"> - Theory into practice: Delcam and ATR Group - Delcam working with UP Industries / C2R for manufacture of automotive styling kits - Delcam software helps Crosby Composites produce high-accuracy parts 	
3	Characterization of Long Fibre Glass filled Polypropylene Thermoplastic Composites for Automotive application	41
	<p>➤ Indian Institute of Technologie, Dr. Mrs. Swati Neogi, Associate Professor</p> <ul style="list-style-type: none"> - How to meet the need of a material with higher strength than thermoplastics but at a lower cost than thermoset composites - LFT developments 	
4	High performance composites Bipolar Plates for use in the Fuel cell and DSSC	53
	<p>➤ TSING HUA University, Prof. Chen-Chi M. MA, Ph.D., Distinguished, Professor National</p> <ul style="list-style-type: none"> - Preparation and properties of composites Bipolar Plates for Fuel Cell (PEMFC) - The processing and characterisation of composites for fuel cell in the auto application 	
5	Mechanical recycling of automotive thermoset composites	71
	<p>➤ Exeter University, Winner of 2008 Environment, JEC-SAMPE Award, Mr. James Palmer</p> <ul style="list-style-type: none"> - Automotive composites - Glass fibre recycling - DMC and SMC manufacture 	
6	Improved closed mould volume production with new safer machine control for buses and trucks	85
	<p>➤ MVP LTD, Mr. Alan Roger Harper, Closed mould and machine development Specialist</p> <ul style="list-style-type: none"> - How innovative pneumatics provide a simple, safe and robust higher production - Pneumatics brings an economic solution to meter mix machine sophisticated control - Data shows improvements on production with Catalyst profiling 	
7	Development progress of the composite body shell Tilting Train in Korea	115
	<p>➤ KRRI, Korea Railroad Research Institute, Advanced Material, Tilting Train System, Research Center, Mr. Seong-ho Han, Ph.D., Director General</p> <ul style="list-style-type: none"> - A 23m-long body shell produced with a composite material moulding technology - The testing criteria in terms of both its structural safety and fire-proofing resistance of the composite body 	



Supported by:

