



Lightweighting Technology Update

Editor - Mr. Jayant Haridas

July 2014

Editorial



This news letter focuses and gives details on the Lightweighting Technology event consisting of International conference and Concurrent Exhibition .The event is being held at Chennai Trade Centre, Tamil Nadu, INDIA during 4-5-6 (Thu-Fri-Sat) Dec 2014 . Technical papers will cover topics on Materials , Design, Applications ,Manufacturing , Joining etc from the leading experts from Industry and academia . The theme for the conference is Integrating OEM Lightweighting Strategy with Vendor Capability. The event has been organized with a view to provide a platform for networking among all the stakeholders of Lightweighting Technology in Transport Sector ,leading to discussions on possible collaborative projects . The exhibitors will showcase their products and equipments throwing further light on latest in LWT. I am sure you as a participant will find the event

informative and useful - an opportunity not to be missed.

FORWARD LOOKING STEP by LWT GROUP

As you are well aware, Light weight Technology (LWT) Group was constituted after a successful and well attended International LWT conference devoted to Transport Sector and held at Hotel Sun-N-Sand, Pune during November 2012.

Most of the people in the audience, on the dais and various stake holders agreed that conference was a big success ,as it surpassed ones expectations. It provided a reflective space for concepts, ideas, current status, future directions and solutions for LWT.

Main focus of light weighting activity in transport sector has been for reducing weight of components, aggregates and vehicles to reduce fuel consumption and meet stricter emission norms without any cost penalty.

With a mission to quickly spread the awareness of LWT potential and growth for various stake holders , the group has been circulating E-news letters and organizing training programs in Lightweight Materials and technology. The stake holders include OEMs, vendors, design houses, R & D institutes , manufacturers etc.

The LWT group is now taking a big step further to organize another International conference LWT 2014 with wide variety of subjects encompassing developments , performance , costs and many other most sought aspects of LWT, that will benefit individuals and the organizations at Chennai Trade Centre, 4-5-6 (Thu-Fri-Sat) December

2014.

Also there is a exhibition consisting of 30 number of stalls spread at 357 Sq. mtr.

Please to inform you that we have received very encouraging response for technical papers and stall booking has just begun.

Technical Papers

1. Light weighting thru Fasteners, Quick Connectors & Bonding
Mr. Nachiket Thakur, General Manager - Research & Development, A RAYMOND FASTENERS INDIA Pvt. Ltd
2. Light house for Lightweight Materials
Mr. Sadagopan Krishnan, General Manager - Product Development, Ashok Leyland Ltd.
3. Properties and Applications of Aluminum Matrix Composites
Mr.Vivek Srivastava, Manager (Aluminium Downstream), ADITYA BIRLA SCIENCE & TECHNOLOGY COMPANY LTD.
4. Magnesium Alloys-Processing, Properties and Applications
Dr. S. Das ,Head, Metallic Composite Group, ADVANCED MATERIALS AND PROCESSES

- RESEARCH INSTITUTE (CSIR)
5. Design and Development of composite airframes for Unmanned Aerial Vehicles (UAVs)"
Mr. S. Rajagopal, Scientist & Head - Composite Technology Centre (CTC), AERONAUTICAL DEVELOPMENT ESTABLISHMENT
 6. Ashland structural adhesive for future light weight technology
Mr. Dhananjay Patil, Business Leader Speciality Adhesives, ASHLAND INDIAPVT. LTD.
 7. Rubber to metal bonding
Mr. Nilesh Tawde, Deputy General Manager Dow Automotive, DOW CHEMICAL INTERNATIONAL PVT. LTD.
 8. Tribology of high temperature metal forming
Mr. Amit Ganguly, Senior Technology Manager, R & D, DUCOM
 9. Light-weighting through Tube Hydroforming
Ms. Ingrid Rasquinha, Chairman & M.D., ELECTRO PNEUMATICS & HYDRAULICS (I) PVT LTD
 10. Scope of HOT STAMPING for light weighting / crash safety improvement
Ms. Ingrid Rasquinha, Chairman & M.D., ELECTRO PNEUMATICS & HYDRAULICS (I) PVT LTD
 11. Meeting Crash and Safety norms with advance Structural and Reinforcement materials.
Mr. P. K. Verma, Regional Steering Unit Manager, India, Middle East & Africa, Acoustic & Structural, HENKEL ADHESIVE TECHNOLOGIES INDIA PRIVATE LIMITED
 12. TITLE YET TO RECEIVE
Dr. G. Padmanabham, Associate Director International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI)
 13. Challenges and Solutions for Bonding Light Weight Materials
Mr. Anup Deshmukh, Head - Sales & Marketing, LORD
 14. MAHINDRA COMPOSITES LIMITED
 15. Technology Developments in Machinery for Composite Material
Mr. Suprotik Das, Managing Director, NORDSON INDIAPVT.LTD.
 16. Experimental and Numerical Analysis of Metal Composite Hybrid joint subjected to Static and Impact loading
Dr. Raju, Local-Global Integrator and Aero Structural Analyst Airbus ODC, QUEST GLOBAL ENGINEERING
 17. Advance composites for Light weight technology
Mr. Agnel Pereira. Head Innovation & Technical Marketing, SAERTEX INDIAPVT.LTD.
 18. Composites For Automobiles Manufacturing Options
Mr. Subba Rao, Consultant, TATA ADVANCED MATERIALS Ltd.,
 19. Light weighting Arena in Transport Sector
Mr. Udayan Pathak, Asst. General Manager - Materials Engineering ERC-S, TATAMOTORS LIMITED
 20. Hybrid (Bi-Metallic) Brake drum
Mr. G Raghvendra, TATAMOTORS LTD
 21. New joining technology like Solid Punch Rivet and Joining of Plastics with metals
Mr. Shirishvaidya, Technical Director, tox@Pressotechnik (india) Pvt. Ltd,
 22. Light weight substitution of Al alloys: Challenges and Opportunities.
Dr. T. Sundararajan, Deputy General Manager Research & Development, WHEELS INDIA LTD.
 23. Emerging UHSS for BIW (with case Studies), Driving Forces for Lightweight material Technology
Mr. Avinash Arankalle, Advisor, Consultant & Faculty for Engineering Materials

More papers are expected

Concurrent Events



4-5-6 (Thu-Fri-Sat) December 2014 at Chennai Trade Centre, Tamil Nadu, INDIA

Exhibition Details

Tariff & RTGS Details

Stand Tariff	Rate in ₹ Per Sq. mtr.	Rate in USD Per Sq. mtr.
• Space without stand fitting (Open Space) (Minimum 30 Sq. mtr.)	8000.00	130
• Space with stand fitting	8500.00	145

Stand Includes -

Carpet, Facia Name, Partition walls octnorm,
1 Table, 2 Chairs, 3 Spotlight per 3 Sq. mtr.,
1 Powerpoint 15 amp, 1 waste basket

Payment in the name of

Lightweighting Technology

Terms & Conditions

1. Service Tax Extra @ 12.36%
2. 10% discount to member of SFS, TASA & Past participants
3. Constructed stand with 2 open sides will be charged 10% extra.

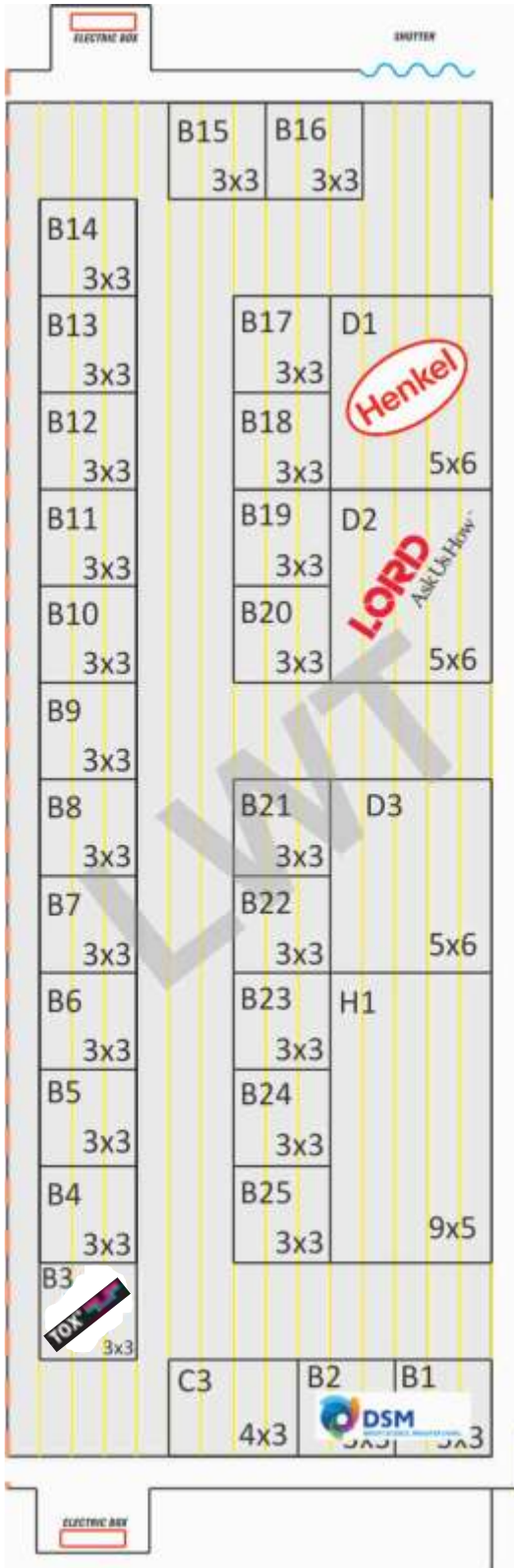
For further RTGS details / Foreign Remittance

Bank details of LIGHTWEIGHTING TECHNOLOGY

Account Name	: Lightweighting Technology
Bank Name	: UCO Bank
Branch Name	: Deccan Gymkhana Branch
Account No.	: 06870210001660
IFSC Code	: UCBA0000687
MICR	: 411028009
Type of A/c	: Current

Remittance Instructions : USD (\$)

Name of the Bank	: WACHOVIA BANK, NEW YORK
Nostro A/c	: P.N.B.P.U.S. 3 N.N.Y.C. 2000191060245 (UCO)
Swift Code	: UCBAINBB024-UCO Bank (Pimpri), Pune
For further beneficiary	: Lightweighting Technology
Final A/c.	: Pune (India)
	: 06870210001660



Managed by



ARKEY CONFERENCE
SERVICE CELL, PUNE

ARKEY CONFERENCE SERVICE CELL

'Guruprasad', 37/4/A, 6th Lane, Prabhat Road, Pune 411 004, India
T: +91 20 2565 1717, 2567 0808 | Mobile: +91 97647 11315
arkeyconference@arkeycell.com, mail@arkeycell.com