



## Paperex'2011 International Technical Conference

### Scope of the Conference

- Growth** of Pulp and Paper industries and strategies to achieve competitiveness;
- Issues on availability of Raw Materials** - Wood, Agro-residues and Recycled fibre
- Energy:** Availability of Power and future challenges, New sources of energy such as Biogas, Solar/ Wind etc.
- Issues of Water:** Conservation and Treatment
- Environmental:** Minimum / Zero-effluent Concept; Developments in Effluent treatment; Recycling and Use of effluents for Irrigation; Lignin removal process.
- Competitiveness** including production of superior and novel quality of paper using Micro/Nanotechnology; Better printability; Lower energy and water usage; better maintenance procedures; Automation in Process, Packaging and Logistics.

- Technologies on New Fibreline:** Stock preparation, Sizing and Coating with new minerals/chemicals.
- Strategies** to be followed such as Modernization and Rebuilding of Machineries; Expansion; Waste Minimization; Sustainable development; Climate change, CDM project.
- Management and Training:** Create more professionalism in Indian Pulp and paper Industry, Marketing and development of New marketing strategies. Skill development for shop floor personnel.

### Expected Participants in Conference

500 – 550 delegates from India and abroad including CEOs / Managing Directors, Senior Managers, Technical experts, Scientists and Academicians, belonging to Pulp, Paper and Allied industries including Converting, Packaging and Printing.

### Tentative Technical Programme

#### 1st day (10th December 2011)

Inaugural Function : 10.00 hrs-11.00 hrs  
 Technical Session : 11.30 onward

#### Tea/Coffee

#### Technical Session I : Future of Paper Industry

- Impact of electronic revolution on paper industry evolution**  
 Jarkko Sairanen and Mrs. Pirkko Molkentin-Matilainen; (President and CEO, Paper Engineers' Association, Helsinki, Finland).
- Choosing Pulp and Paper Products Legal from Sustainable Sources**  
 Pierre Gauthier, (Managing Director, Europe and Asia; Forest Products Association of Canada) and Isabelle Des Chênes (Vice President, Market Relations; Forest Products Association of Canada).
- Cleaning Up – with Nanoparticles**  
 Michael Trefzer (Global Technical Manager, S&B Industrial Minerals GmbH, Germany) & A. Sanyal (Wires and Fabriks (Sa) Ltd, Kolkata).
- Usability and user experience of process control systems - Feeling of control**  
 Hannu Paunonen and Jaakko Oksanen, (Metso, Automation Tampere, Finland)

LUNCH Courtesy: **metso**  
 Expect results

#### Technical Session II : Developments in Paper machine

- Showering in the Wire and Press Section In which Direction is the Development Going?**  
 Hans J. Struck (Papiermaschinen-Systemtechnik GmbH, Offenburg, Germany)
- BlackBelt for demanding shoe press positions**  
 Satu Hagfors, (Product Group Manager, Belts; Fabrics business line, Metso)
- Float Forming™ – A gentler way of making paper**  
 John Xu, Roger Danby, Dale Johnson; (AstenJohnson, USA); John VanDerKolk, Bruce Janda; (AstenJohnson Inc., USA) and Jeff Landry, James Henderson, (AstenJohnson Asia, Singapore).
- Steel Yankee Dryer TT SYD: twelve years of application and success in the tissue industry – Case histories and field experiences**  
 Christian Jehn- Rendu; (BASF Auxiliary Chemicals Co., Ltd, ATC II, Pudong, Shanghai, China); HansRalf Hemel; (BASF (China) Co. Ltd., Suite Guangzhou, China), Dr.Christoph Hamers; (BASF SE, Ludwigshafen, Germany); Rainer Blum; (BASFSE, Ludwigshafen, Germany)

#### Tea/Coffee

#### Technical Session III : New Chemicals in Processing Recycled fibre

- Stickier Control with Cyclodextrin-Based Chemicals**  
 Sujit Banerjee, (Georgia Institute of Technology, USA); Daniel R. Haynes, (Eka Chemicals)
- Controlling Optical brightening agents during the Deinking Process**  
 Laurence Magnin-Serieys (CTP), Mathieu Schelcher (CTP), Benjamin Fabry (CTP) & Dominique Moineau (TECHPAP). (Centre Technique du Grenoble, France)

#### 2nd day (11th December 2011)

#### Technical Session IV : Raw Materials and Pulping

- Rapid vegetative propagation of Eucalyptus, Melia and Dalbergia clones through micro-propagation followed by mini cutting for pulpwood and bio-energy plantations**  
 Chinnaraj S., C Mallimuthu, S.V. Subrahmanyam; (Research and Development Division, Tamil Nadu Newsprint and Papers Ltd, Tamil Nadu)
- Improved Method & System of Steam Saving in Agro Residues Pulping**  
 J. Fellegi (Former Research Director, Pulp and Paper Research Institute, Bratislava, Slovak Republic), S.L. Keswani and A. Panda (Chemprojects Consulting Pvt. Ltd., New Delhi)
- Illegal Logging and Certification: How certification can help increase global supply of legal pulp and paper products: Canada as an example**  
 Isabelle Des Chênes, (Forest Products Association of Canada/ Pierre Gauthier, Forest Products Association of Canada)

#### Tea/Coffee

#### Technical Session V : Present and Future Technologies in Fibreline

- Use of Kraft White Liquor as partial replacement of Caustic in Oxygen Delignification – Lab study and plant experience**  
 K. C. Choudhury, U. V. Satyanarayana and P. K. Suri (The Andhra Pradesh Paper Mills Limited, Unit: APPM, Rajahmundry, A.P.)
- Bleaching of Hardwood pulps with environmental friendly technology**  
 Hannu Rämärk (Director of Technology, Fibreline, Andritz Oy, Finland)
- Industrial Pulp Bleaching with Ozone Achievements & Perspectives**  
 Alexis Métais and Jean-Christophe Hostachy (ITT Water & Wastewater, Herford, Germany), Emil Germer (Saint-Petersburg State Forest Technical Academy, St.Petersburg, Russia) and V. Baratharaj (OTSIL, Ozone Technologies & Systems India Pvt Limited, Chennai)

LUNCH Courtesy: Forest Products Association of Canada

#### Technical Session VI : Developments in Sizing and Coating

- Functional Precoats for Multilayer Coating**  
 Benny Hallam, Chris Nutbeem (IMERYS Minerals Ltd, Cornwall (U.K.) and Dave Bakshi (IMERYS Pigments PTE Ltd, Singapore)
- Surface Sizing through HSM Technology**  
 Harald Ericson, (UMV Coating, Sweden)
- Multilayer curtain coating boosts profits in manufacturing of coated boards**  
 (Metso Paper, Inc. Järvenpää, Finland)
- Selection of OBA or OBA Carrier for Improvement in Optical Properties of Coated Paper - A Right Approach**  
 Sunil Kumar, Nitin Kumar, Swapan K. Chakrabarti, and R. Varadhan, (Thapar Centre for Industrial Research & Development, Yamuna Nagar, Haryana)

#### Tea/Coffee

#### Technical Session VII : Developments in Minerals in Paper manufacturing

- First On-Site PCC (Precipitated Calcium Carbonate) Plant in India**  
 Dr. Vasant D. Chaperkar, (President, SAI International, Florida, USA)
- Increasing Filler Content in Paper**  
 Anuchate Saenkhot (Technical Consultant, Paper Marketing AP, Nalco Pacific Pte., Ltd., Bangkok, Thailand), York Zhi Peng Yu (Technical Consultant, Paper Marketing AP, Nalco Company, Shanghai, China) Aleksandar Todorovic (Technical Consultant, Nalco Finland Services Oy, Helsinki) Finland.Kaisaniemenkatu 6A, FIN-00100 Helsinki, Finland), Weiguo Cheng (Staff Scientist, Nalco Company, IL USA), Anuj Verma (Application Engineer, NLC Nalco India Ltd., Pune)
- Effect of Filler on Paper Properties in Alkaline Sizing with Different Strength Additives**  
 Vipul S. Chauhan, Sudhir Kumar, Deepak Rana, Swapan K. Chakrabarti, R. Varadhan, (Thapar Centre for Industrial Research & Development, Yamuna Nagar, Haryana)

#### 3rd day (12th December 2011)

#### Technical Session VIII : R & D and Environmental Improvement

- Toxicity Potential in AOX Bearing ETP sludge – A Reality Check**  
 S. Panwar, Shivaker Mishra, Nitin Endlay, Mohd Farid, M.K.Gupta, R.M. Mathur (CPPRI, Saharanpur, UP)
- Closure of water circuits in pulp mills - How to live with inorganic contaminant build-up?**  
 Rekha Bharati (Platform Launch Lead, Pulp, Asia Pacific), Akhlesh Mathur (Global Market Segment Director – Pulp; Ashland Hercules Water Technologies, Singapore).
- A novel approach to achieve zero black liquor discharge to mitigate pollution problem in small agro based paper mills**  
 AK Dixit, RK Jain and RMM Mathur (CPPRI, Saharanpur, UP)

#### Tea/Coffee

#### Technical Session IX : New Technologies- Automation

- Improving papermaking & coating efficiency with web inspection cameras**  
 Kari Hilden, (Papertech Inc., Vancouver, BC, Canada)
- Advanced Analytical Tools and Methods for Analysis of Paper Unevenness and Print Mottle**  
 Dr Janet Preston & Mr Chris Nutbeem (Imerys Minerals Ltd, Cornwall, USA)
- New Online Analyzers for Indian Paper Industry**  
 Pekka Komulainen, Heikki Mustalahti, Kai Karinen, (ACA Systems Oy, Sotkuma, Polvijärvi, Finland)

LUNCH Courtesy:

#### Technical Session X : Operational Improvement in Paper making

- OptiConcept M – New modular approach to design, build and operate a paper machine**  
 M. Mattila, (Metso, Finland)
- VFA - New Applications for Paper Making: Improving PM Runnability & Reducing Operational Cost**  
 Christian Jehn-Rhendu, Christoph Hamers, HansRalf Hemel & Rainer Blum, (BASF)
- Life Cycle Service in Paper Mills**  
 Hans Peter Marleaux, (Voith Paper, Germany)

Valedictory Session: Conclusion and Recommendations

### Paperex'2011 Technical Committee Members

- Chairman** : Mr. N. Gopalratnam (Chairman & Managing Director, Seshasayee Paper & Boards Ltd., India)  
**Co-Chairman** : Dr. Ing. A. Panda (Technical Consultant & Former National Consultant-UNDP & Ex- Director-CPPRI, India)  
**Members** : Mr. Pramod Agarwal (President, Indian Agro & Recycled Paper Mills Association (IARPMA) and CMD, Rama Paper Mills Ltd., India)  
 Mr. Anil Kumar (Sr. Vice President IARPMA & Executive Director & CEO Shreyans Industries Ltd., India)  
 Dr. R.M. Mathur (Director, CPPRI, India)  
 Dr. S.L. Keswani (MD, Chemprojects Consulting Pvt. Ltd., India)  
 Dr. M. Patel (Co-ordinator-IARPMA, India)  
 Dr. B.L. Bihani (Sr. President & CEO, Century Pulp & Paper, India)  
 Mr. P.G. Mukundan (Secretary General-IARPMA, India)



### Delegate fee

#### Foreign Delegate:

• Before November 5, 2011	350 USD
• After November 5, 2011	400 USD

#### Indian Delegate:

• Before November 5, 2011	4500
• After November 5, 2011	5000

A discount of 10% will be given to organizations nominating / sponsoring 4 or more delegates in a single registration. The registration fee includes Conference Kit, Luncheons, Tea/Coffee, Cocktail Gala Dinner with Cultural Programme. No cancellations will be allowed after 5th November 2011 and cancellations prior to 5th November 2011, 50% of the amount will be deducted against each cancellation and the balance amount will be sent to the party.

### Transportation facility



Delhi is the capital city of India as well as the largest business meeting place and is well connected to all over the world and direct flights are operating from this Great Historic City to all the major cities of the world. Delhi has more attractions to visit and enjoy the tradition of Indian culture, its history and historical monuments, religious places etc.

Paperex'2011 Secretariat will provide all assistance for hotel booking and tour arrangements for delegates, exhibitors, visitors, etc. Participants can also avail necessary Travel assistance from the Travel Desk at Exhibition and Conference venue during all the days of the Paperex events.