



16th International Technical Conference & Exhibition
on Pulp, Paper and Allied Industries

6 - 9 | December 2023

India Expo Centre, Greater Noida, Delhi- NCR, India

Conference details AND DELEGATE REGISTRATION,
visit: www.paperexindia.in

WORLD'S LARGEST **PAPER SHOW & TECHNICAL CONFERENCE**

Conference Theme:
Paper Industry: Growth & Sustainability Through Green Technologies



TENTATIVE PROGRAMME

DAY - 1, WEDNESDAY, 6 DECEMBER 2023

REGISTRATION : 9.00 AM - 9.30 AM

INAUGURAL CEREMONY AND : 9.30 AM - 11.00 AM

CONFERRING OF IARPMA ACHIEVEMENT AWARDS

TEA / COFFEE BREAK : 11.00 AM - 11.15 AM

(11.15 AM - 11.45 AM)

SV MEMORIAL LECTURE CUM KEYNOTE ADDRESS

- **By Antti Salminen**, President, Paper Segment,
Kemira OYJ, Finland

PANEL DISCUSSION (11.45 AM - 12.45 PM)

Theme: Paper Industry in coming decade - Futuristic
Approach

SPECIAL SESSION (12.45 PM - 1.30 PM)

Next Gen Investment Opportunities in the Indian Pulp and
Paper Industry - The Emerging International Demand for
Ag-Fiber based Pulp, Paper and Packing
- **By Valerie Langer** and **James Alden** - Canopy Planet
Solutions, Canada.

LUNCH BREAK: 1.30 PM - 2.30 PM

GENERAL SESSION (2.30 PM - 5.00 PM)

- Leadership and Futuristic Opportunities in a growing Market**
- **Vijay Gupta**, Asian Pulp and Paper, Bengaluru, India
- Growth of Paper Manufacturing through Green Technologies**
- **G.S. Patnaik**, JK Papers Ltd.
- Genesis of Climate Crisis – How did we reach here and where are we headed?**
- **Anup Kansal**, Principal Consultant, Business
Transformation and Strategy Consulting, Gurgaon

4. Recent Green Initiatives – Policy Intervention and Legislation

- **Dr. Nitin Endlay**, Scientist, Central Pulp and Paper Research Institute (CPPRI), Saharanpur, India

5 Valmet's guide to efficient dry crepe tissue production

- **Tomas Karlsson** Sales Director, Valmet Tissue Business in Asia Pacific, Valmet

6 Role of Paper Industry in achieving India's advance towards De-carbonization

- **Naveen Kumar**, Bureau of Energy Efficiency, Ministry of Power

REFRESHMENT TIME: 5.30 PM onward

PAPEREX'2023 CONFERENCE: TECHNOLOGY DAY

DAY - 2, THURSDAY, 7 DECEMBER 2023

TECHNICAL SESSION - I

Theme: Green Technology Developments in Pulp Mill Operation (9.30 AM - 11.00 AM)

7. Borate Autocauticization- An Emerging Green Technology

- **Dr.A.K.Dixit**, Scientist, Central Pulp and Paper Research Institute (CPPRI), Saharanpur, India

8. Reduction of Green House Gas emission and Sodium Sulphate consumption by In-House modified liquor gun firing system for Agro Based Chemical Recovery Boiler

- **Dr. K. Sudarshan**, Assistant Manager (R&D/QC), Tamil Nadu Newsprint and Papers Limited, Tamilnadu

9. Creating an odor free environment through scrubbing NCG to reduce Sulfur gases emission in the environment

- **Dr. K. Sudarshan**, Assistant Manager (R&D/QC), Tamil Nadu Newsprint and Papers Limited, India

TEA BREAK: 11.00 AM - 11.15 AM

TECHNICAL SESSION - II

Theme: Innovative Green Technologies for Enhanced Quality and Efficiency in Pulping and Paper Making Processes (11.15 am to 1.30 PM)

10. Glyoxalated Polyacrylamide As A Dewatering Booster in Recycled Furnish
- **Ivan Joedy**, Business and Application Development Head – SEA region, Kemia, Finland
11. Trash to Responsible Fiber Packaging
- **Dr. Madhure Desarda**, Director (Operations), Parason Machinery (I) Pvt Ltd, Aurangabad, India
12. Ecobright - A Bleaching Technology Improving Costs, Quality and Environment
- **Peter Biza**, Mr. Bernhard Weber, Mr. Ashok Kumar Das, Imerys
13. Optimized refining for sustainable fiber treatment, case Valmet Conical Refiner Pro
- **Marko Loijas**, Senior Manager, Refiners, Deflakers and Dispersers, Valmet Technologies Inc
14. Impacting Sustainability Through Process Optimization
- **Adam Melton**, Global Sales Director, Advance Controls, BTG Group, USA, Akhlesh Mathur, Head of Business – SA & SEA, BTG Group, Singapore
15. Application of Water Based Barrier Formulations for Fibre Based Packaging
- **Chris Nutbeem**, Janet Preston, Wilber Yap Chin Chong, Ashok Kumar Das, Imerys

LUNCH BREAK: 1.30 PM - 2.30 PM

TECHNICAL SESSION - III

Theme: Advancements in Coating Applications to Address Diverse Performance Criterion and Barrier Properties of Paper Products (2.30 PM - 4.00 PM)

16. Aqueous Barrier Coatings Containing Kaolin Clays
- **Siva Deviseti**, Gus Lempsink, Prakash B. Malla (Ph.D.) Thiele Kaolin Company, USA
17. Paper based barrier products achieved in two coating stations by new Concept
- **Magnus Nilsson**, Sales Director, UMV Coating Systems AB, Sweden
18. NEW YIELD® LO PCC FILLER – TOWARDS MORE SUSTAINABLE FUTURE AND VALUE CREATION
- **Amit R. Dholakiya**, Country Manager & Sales Director-India, Paper & Packaging Business
19. Historical developments and future trends in Wet Strength resins and Wet Strength hygienic papers in India.
- **Brian Davies**, NPT Solutions, Nopco Paper technology Pty Ltd, Australia

TEA / COFFEE BREAK: 4.00 - 4.15 PM

TECHNICAL SESSION - IV

Theme: Green Technology Strategies for Growth and Sustainability in Pulp and Paper Sector (4.15 PM - 5.30 PM)

20. Biotechnological and Molecular Biological Interventions in Tree Improvement Technologies to Resolve Sustainability of Wood Based Raw Material to Indian Paper Industries
- **Mukul Sharad Verma**, Om Prakash Shukla, Sudhir Kumar Singh Chauhan, JK Paper Limited, Unit: CPM, Gujarat, India
21. India's & Asia's First Paper Industry to Produce & Sell CBG / biocng from Waste Water - Success Story of Sainson's Paper Industry, Haryana
- **K.R. Raghunath**, Knowledge Integration Services India Pvt. Ltd., India

DAY - 3, FRIDAY, 8 DECEMBER 2023

TECHNICAL SESSION - V

Theme: Technological Solutions and Practices for Water Management and Cost Optimization in Pulp and Paper Sector (9.30 - 11.00 am)

22. Innovation in wastewater treatment in the Indian paper industry: UNIDO's approach to facilitating uptake of membrane filtration as green technology
- **Dr René Van Berkel**, Dr Rakesh Kumar Jain, Ms Shraddha Srikant, United Nations Industrial Development Organization (UNIDO), India, Mr Farrukhbk Alimdjano, United Nations Industrial Development Organization (UNIDO), Vienna, Austria, Dr. M K Gupta, Dr Nitin Endley, Central Pulp and Paper Research Institute, Saharanpur, India
23. Water Management and Cost Optimization in Pulp & Paper Sector through Water Audit Studies by FICCI
- **MA Patil**, ASG and **Karishma Bist**, Addl. Director, Resource Conservation & Management, Federation of Indian Chamber of Commerce and Industry (FICCI), India
24. Case study - Paper manufacturing wastewater colour removal treatment
- **Raghavendra Khaitan**, Managing Director, Krofta Engineering Ltd, India

TEA / COFFEE BREAK: 11.00 AM - 11.30 AM

TECHNICAL SESSION - VI

Theme: Futuristic Developments and Technology Transformation for Sustainability of Pulp and Paper Industry (11.30 AM - 1.30 PM)

25. Data Driven Operations – How to lead your Tissue business with data?
- **Jarmo Ropponen**, Head of Asia-Pacific, Head of Tissue, CEO Malaysia - Tietoevry Pulp, Paper and Fibre industries, Malaysia
26. Fiber fractionation: A new approach for value addition in packaging grade paper
- **Sanjay Tyagi**, Scientist and Corresponding Author, Central Pulp & Paper Research Institute (CPPRI), Saharanpur, India
27. How to achieve significant energy savings in Pulp & Paper production process with optimized pump Systems
- **Axel Doering**, Industry Director Pulp & Paper, Pumps Division, ANDRITZ Pumps Germany GmbH, Germany
28. Energy Savings on Your Tissue Machine with minimal Capital Investment
- **Grant Downham**, Tissue Global Solutions Team Manager BTG Group, Klaus Kunschert, Tissue Segment Manager (Asia Pacific) BTG Group Sanjay Aggarwal, Tissue Segment Manager (SE and S Asia) BTG Group

LUNCH BREAK: 1.30 PM - 2.30 PM

TECHNICAL SESSION - VII - (2.30 PM - 3.30 PM)

29. Ackumen™ MCA-i™ – The Next Level of Control for a Safer and Smarter Monochloramine Program
- **Ryan Eberhardt**, and Janet H. Woodward, Ph.D. Buckman, Memphis, Tennessee 38108 USA

TEA / COFFEE BREAK: 3.30 PM - 4.00 PM

DAY - 4, SATURDAY, 9 DECEMBER 2023

BUSINESS MEETINGS

(10.30 AM - 12.30 pm)