THINK SMALL

2010 INTERNATIONAL CONFERENCE ON NANOTECHNOLOGY FOR THE FOREST PRODUCTS INDUSTRY

27-29 September 2010
DIPOLI Congress Centre
Espoo, Finland

Getting Down to Business with Nanotech Products

GROW BIG

www.tappi.org/10nano
For the first time, this annual meeting will be held outside of North America. Join industry experts, scientists, health and safety specialists, legal and government policy makers, and leading researchers from multiple disciplines to discover how nanotechnology can shape the next generation of value-added forest products.

Derived from wood, nanocrystalline cellulose (NCC) and nanofibrillar cellulose (NFC) are generating increased interest from the scientific and business communities. These nanomaterials have unique properties, ranging from improving paper properties to producing unique bionanocomposites. As NCC and NFC are derived from a renewable, well-managed resource — trees — there is great commercial potential. TAPPI’s annual Nanotechnology conference focuses on bringing the newest advances in the field to the technical program, promoting the versatility and promise of cellulose-based nanomaterials, and offering the technical community networking opportunities to advance development of these promising technologies.

Presentations at this year’s conference will focus on several key thematic areas:

- Nanocellulosics and Nanocomposites
- Wood Products and Nanotechnology
- Consumer Perception/Governmental Regulation and Nanotechnology
- Biorefinery Concept in Nanocellulose Manufacturing
- Organized Structures, Thin Films and Interfacial Assemblies
- Computer Modeling
- Nanotech Coatings and New Nano-Enabled Functionalities
- Market Opportunities for Forest Based Nano Materials
- Product Demonstrations and Poster Sessions
- Updates from EU Nanoclusters and Publicly Funded Forest-Based Nanotech Center

Visit [www.tappi.org/10nano](http://www.tappi.org/10nano) for detailed descriptions about the themes.
You won’t want to miss the keynote presentations including:

**Dr. Hiroyuki Yano**  
*Professor, Research Institute of Sustainable Humanosphere, Kyoto University*  
*Monday, 27 September 2010, 12:30-14:00*

Hiroyuki Yano is a Professor at the Research Institute of Sustainable Humanosphere, Kyoto University. He received his Ph.D. in wood science from Kyoto University in 1989. He joined Kyoto Prefectural University as assistant professor in 1987 and later moved to the Wood Research Institute at Kyoto University as associate professor in 1998. During 1997–1998 he was a Visiting Scientist at the Forest Products Laboratories at CSIRO, Australia.

He received the Young Scientist Award from the Japan Wood Research Society in 1989, Hayashi Jisuke Award from the Cellulose Society of Japan in 2005, and the Japan Wood Research Society Award from the Japan Wood Research Society in 2009. He is a fellow of the International Academy of Wood Science.

His research involves extraction of nanofibers from biomass resources such as wood, plant fibers, and crab and shrimp shells, and their utilization as a component of nanomaterials for optical and structural purposes.

**Andriy Kovalenko**  
*Senior Research Officer, Group Leader – Theory and Modeling, NRC-NINT Adjunct Professor, Department of Mechanical Engineering, University of Alberta*  
*Tuesday, 28 September 2010, 08:00-08:45*

Andriy Kovalenko is a leading, internationally recognized expert in theoretical and computational methods of modeling on multiple space and time scales, including statistical physics and electronic structure theory. His focus is development of theoretical methods capable of predicting the behaviour of nanosystems. He has proposed a new statistical-mechanical molecular theory of solvation, which bridges the gap between electronic structure, atomistic simulations, and system functioning. He has applied it to provide realistic description of physical and chemical properties and processes in various nanosystems: complex molecular liquids; electronic and solvation structure and thermodynamics in solution and at solid-liquid and liquid-liquid interfaces; chemical reactions and nanocatalysis in solution; electrochemistry of solutions sorbed in nanoporous materials; polymers in solutions and melts; transport of nanoparticles across biomembranes and liquid interfaces; self-assembly, conformational stability and aggregation of supramolecules and biomolecules in solution.

**Hadi Mahabadi**  
*Vice President and Center Manager, Xerox Research Centre of Canada (XRCC)*  
*Wednesday, 29 September 2010, 08:00-08:45*

Dr. Mahabadi joined Xerox in 1981 and has held a variety of managerial positions at XRCC. He has been instrumental in creating an environment to increase innovation and successful commercialization of many breakthrough materials technologies at XRCC. Examples include novel solid inks for Xerox ink jet printers and Emulsion Aggregation toner for many Xerox products introduced into the market after 2000.

Dr. Mahabadi’s R&D leadership efforts earned many awards including two of Xerox Corporation’s highest awards. He won the University of Waterloo’s 2008 Alumni Achievement Medal. He was also ranked as #1 among PrintAction Magazine’s 50 most influential Canadians in Graphic Art Communications for 2008 and 2009. Mahabadi was selected as a Fellow of the Chemical Institute of Canada, Canadian Academy of Engineering, International Union of Pure and Applied Chemistry. He recently became the Chair of the Chemical Institute of Canada.

Dr. Mahabadi has also been involved in helping to shape science and technology strategy and direction in Canada while advancing the science and technology agenda nationally and internationally. He has served on national and regional committees, taskforces, and boards of several science and technology related organizations.

**Featured Session Speakers include:**

**Petri Vasara**  
*Principal of New Technologies, Jakko Poyry Consulting (JPC)*  
*Market Opportunities for Forest Based Nanomaterials Session Wednesday, 29 September 2010, 09:00-10:30*

**Steffi Friederichs**  
*Director, Nanotechnology Industries Association (NIA)*  
*Consumer Perception/Regulation & Nanotechnology Session Wednesday, 29 September 2010, 11:00-12:00*
9:00 - 10:30
2 NANOTECH COATINGS AND NEW-NANO-ENABLED FUNCTIONALITIES - PLENARY
• Printed Electrodyes on Tailored Paper Enable Electrochemical Functionalization of Papers, Jouko Peitonen — ÅA
• Thin Film Deposition Techniques — Steps Towards More Sustainable Packages, Mikko Vähä-Nissi-VTT
• SUNPAP, Scale-up Nano Particles in Modern Papermaking, Ulla Forsström — VTT
• Amorphous and Crystalline Ultra Thin Films of Cellulose and Applications with Quartz Crystal Microgravimetry, Surface Plasmon Resonance and Other Surface Sensitive Techniques, Orlando J. Ayala — North Carolina State University

10:30 - 11:00
BREAK

11:00 - 12:00
3 NANOTECH COATINGS AND NEW NANO-ENABLED FUNCTIONALITIES — PART 2
• Inkjet Printing of Functional Nanoparticles, Ramin R. Farrokhzad — University of Toronto
• Tactical Perception: Finger Friction, Surface Roughness and Perceived Coarseness of Printing Papers, Mark W. Rutland — KTH
• Ultra-Thin Coatings of Paper by Tailor-Made Nanoparticles, Tina Nylseth — Aalto University
• Reduction of the Linting and Dusting Tendency of New Nanocellulose Coatings, Mikael Ankerfors — Innventia AB

12:30 - 14:00
LUNCH — KEYNOTE: Potential of Cellulose Nanofiber-Based Materials, Dr. Hirohiko Nomura, Professor, Research Institute of Sustainable Humanosphere, Kyoto University

14:00 - 15:30
5 ORGANIZED STRUCTURES AND INTERACTIONS - PART 1: MATERIALS AND INTERACTIONS
• Adhesion and Nanotribology of Biofibres, Mark W. Rutland — KTH
• Cellulose Nanocrystals: Novel Templates for the Synthesis of Nanostructures, Robert Moon — Purdue University
• Heterogeneous Modification of Cellulose Nanocrystals and Surface Assemblies, Kon Filipponen — Aalto and NC State University
• Nanofibrillar Cellulose — in Vitro Study of Cytotoxic and Genotoxic Properties, Maagi Pihkanen — VTT
• Stability of Cellulose Nanocrystal Suspensions in Electrolyte and Polymer Solutions, Jumran Bodak — University of Alberta

15:30 - 16:00
BREAK

16:00 - 17:30
7 ORGANIZED STRUCTURES, PART 2: THIN FILMS AND INTERFACIAL ASSEMBLIES
• Ultra Thin Films of Oriented Cellulose Nanocrystals by Electric Field-Assisted Conective Assembly, L. Coka — University of West Hungary
• Unusual Morphology in Ultrathin Cellulose Derivative Blend Films, Laura Nyder — Aalto University
• Structure of Nanofibrillated Cellulose Monolayers at the Oil/Water Interface, Kwanan Kii — Norwegian University of Science and Technology (NTNU)
• Hydrophobisation of Pulp Fiber with Multilayering of Saponified Resin and PAN, Sungoon Lee — Seoul National University

17:30 - 18:00
9 POSTER SESSION, TABLETOP EXHIBIT AND PRODUCT DEMOS

8:00 - 8:45
1 CONFERENCE OPENING AND INTRODUCTION BY CO-CHAIRS

8:00 - 19:00
28 september
Tuesday
Tuesday Technical Program continued...

16:00 - 17:30

15 NANOCELLULOSICS AND NEW NANO-ENABLED FUNCTIONALITIES

• Carrot Nanofibers vs. Wood Pulp Nanofibers: Morphological and Mechanical Properties, Gilberto Siqueira – Luleå University of Technology

• Fibre Spinning Nanocomposites Based on Low-Cost Racemic Polylactide/Bacterial Cellulose Nano-Whiskers, Alexander Bismark – Imperial College London

• New Nanocomposite Concept Based on Crosslinking of Hyperbranched Polymers in Cellulose Nanopaper Templates, Marielle Henriksson – KTH

17:30 – 18:30

17 POSTER SESSION, TABLETOP EXHIBIT AND PRODUCT DEMOS

CRUISE AND DINNER
Join your fellow delegates for a cruise to Suomenlinna, and dinner at the famous Walhalla Restaurant. Suomenlinna, one of islands off Helsinki, was built as a maritime fortress in the mid-18th century during the Swedish era. Today, it is a UNESCO World Heritage Site and one of Finland’s most popular tourist attractions.

Restaurant Walhalla was built into the fortress as Helsinki prepared itself for the 1952 Olympic Games. The name of the restaurant is inspired by the Walhalla secret society that in the 1780s conspired against the Swedish king Gustav III. The name of the secret society, Walhalla, is from Scandinavian mythology, and is the place in the after world where heroes and warriors enjoyed an eternal feast.

A separate registration is required for this event. Registration includes roundtrip ground transportation, the round trip cruise and food and beverage. Cost is $148, £122.

Wednesday, 29 September

8:00 - 8:45

18 KEYNOTE ADDRESS: BIO BASED NANO PARTICLE AND GREENER PRINTING INDUSTRY, Hadi Mahabadi – Vice President and Center Manager Xerox Research Centre of Canada

9:00 - 10:30

19 NANOCELLULOSICS AND NANOCOMPOSITES – PART 4

• Cellulose Nanocrystals as Reinforcement of Poly (Vinyl Alcohol) Nanocomposites, Maria S. Peresin – North Carolina State University

• Microfibrillated Cellulose Reinforced Semi-Crystalline Polymeric Acid Composites: Thermal and Mechanical Properties, Liyuan Sun – Kyoto University

• Properties of Bionanocomposites Made from Poly(amide) Latexes and Microfibrillated Cellulose, Karolina Larsson – Invenntis AB

• Novel Approach for Fabricating Optically Transparent Composites from Crab Shell, Dr. Hironobu Yano – Kyoto University

10:30 - 11:00

BREAK

Wednesday Technical Program continues on next page...
## Wednesday Technical Program continued...

### 11:00 - 12:00

**21 CONSUMER PERCEPTION/REGULATION AND NANOTECHNOLOGY – PLENARY**

- TBA, Steffi Friedrichs – Nanotechnology Industry Association
- TBA, Antje Grobe – Risk Dialogue Foundation
- Three Rs of Nano-Enabled Biomaterials and Bioproducts: Risk, Reward and Regulatory Issues, Lori Sheremeta – National Institute for Nanotechnology

### 12:00 - 13:30

**LUNCH**

### 13:30 - 15:00

**22 INTERFACIAL MICROMECHANICS**

- Adhesive Forces at Nanocrystalline Cellulose Surfaces, Roya R. Lahiji – University of Alberta
- Development of a Carrier System for Cellulose Nanofibrils (CN) in Polymer Composites, Alper Kiziltas – University of Maine
- Advanced AFM-based techniques for characterizing composite interphases, Siquan Wang – University of Tennessee
- Polysaccharide Interactions with Nanocellulose as a Platform for Biomimetic Modifications, Paula Eronen – Aalto University

### 15:00 - 15:30

**BREAK**

### 15:30 - 17:00

**23 EU AND NA PUBLIC FUNDING**

- Public Funding from EU to Nanotechnology Related Research in Europe, Jerki Suominen – European Commission, DG Research, Industrial Technologies Directorate
- Nanotech Finland from Vision to Commercialisation, Markku Lämsä - Tekes – the Finnish Funding Agency for Technology and Innovation
- A Canadian Perspective on Nanotechnology Funding with a Focus on Forestry Related Program, Nils Peterson – National Institute for Nanotechnology National Research Council
- Federally-Funded Nanotechnology Research in the United States, Chris Risbrudt – USDA Forest Service Forest Products Laboratory

### Additional Events Hosted by VTT

There is no charge for these events. Separate registration is required.

**Friday, 24 September**

**FUNCTIONAL MATERIALS WORKSHOP**

8:30 - 12:00 - Tour of VTT and VTT Workshop - “Safety on Nanocellulose”
12:00 - 13:00 - Lunch
13:00 - 17:00 - EU FP7 project “Promine” Information Day

**Thursday, 30 September**

9:00 - 12:00 - Tour of VTT

**Friday, 1 October**

9:00 - 12:00 - Tour of VTT
**Tentative Poster Session**

17:30 - 19:00 Monday, 27 September 2010
17:30 - 18:30 Tuesday, 28 September 2010

**Poster Sessions and Table Top Exhibit and Product Demonstrations**

**Precise Determination of (Nano)particle Emissions from Paper Surfaces via Acoustic Waves**, Andreas Kornherr, Mondi Uncoated Fine Paper

**Modeling the Rheology of Nanocellulose Suspensions**, A. Puisto, Aalto University, School of Science and Technology

**Multiscale Modeling, Synthesis, and Application of Multifunctional Gelators**, Sergey Gusarov and Andriy Kovalenko, University of Alberta

**Coarse-Grained Material Properties for Fiber-Based Materials from Computer Simulations**, Mikko Alava, Aalto University

**Atomistic Modeling of Cellulose Nanofibrils: Elastic Properties**, J. L. McWhirter and Sami Paavilainen, TUT

**Atomistic Modeling of Cellulose Nanofibrils and Their Interactions**, S. Paavilainen, TUT


**Cellulose Fibers and Nanofibrils for Adhesive Reinforcement**, Stefan Veigel, University of Natural Resources and Applied Life Sciences

**Cellulose Nanofiber (CNF) for Nanocomposites Production: Opportunities and Challenges**, Hossein Yousefi, University of Tehran


**Enzymatic and Acid Hydrolysis of Sisal Fibers: Morphological Aspects of Nanoparticles and Influence on the Mechanical Properties of Nanocomposites**, Gilberto Siqueira, PAGORA

**Bacterial Cellulose Biocomposites Based on Epoxidized Soy Bean Oil and Gelatin Matrices**, C. Peña, University of the Basque Country

**Studies on Electrospun Chitosan Based Nanofibres Reinforced with Cellulose and Chitin Nanowhiskers**, Valencia Jacobs, Luleå University of Technology

**Cellulosic Nanocomposites Reinforced with Nanocrystals Isolated from Hardwood Residues and Hybrid Poplar**, Jingxin Wang, West Virginia University

**Water-binding Capacity of Nanofibrillar Cellulose**, Monika Österberg, Aalto University
Nano-fibrillation of Wood Pulp Using a High-Speed Blender, Kojiro Ueetani, Kyoto University

Composite Materials of Cellulose Nanofibers and Natural Rubber, Takeshi Nakatani, Kyoto University

Nanocellulose based Materials with High Performances, Hanna Lönnberg, SweTree Technologies AB

Preparation and Characterization on Cellulose Nanofiber Paper, Liyuan Zhang, Deakin University

Mechanical Behavior of Recycled Fibers Coated by Silver Nanoparticles, L. Csoka, University of West Hungary

Aligned Cellulose Nanocrystals Deposited on Flat Supports by Convective Assembly, Ingrid C. Hoeger, North Carolina State University

Poly(N-isopropylacrylamide) brushes grafted from Cellulose Nanocrystals via Surface-Initiated Atom Transfer Radical Polymerization (SI-ATRP), Justin Zoppe, North Carolina State University

Optically Transparent Organic-Inorganic Hybrid Materials (OIH) Based on BC and Bohemite- Glycidoxypropyltrimethoxysilane (Boe-GPTS) Systems, Hernane S. Barud, São Paulo State University-UNESP

Photocromic Organic-Inorganic Hybrid (OIHs) Based on Bacterial Cellulose and Polioxometalate (POM), Hernane S. Barud, São Paulo State University-UNESP

Influence of Nanoclay on Physical and Mechanical Properties of Bio Fiber/ Plastic Composite, Hossein Khanjanzadeh and T aghi T abarsa, Gorgan University

Nanosized Coatings on Paper Using Electrospinning/Spraying Process, P. Heikkilä, TUT

Nanoscale Surface Processing with Atmospheric Plasma Technique, Johanna Lahti, TUT

Gas and Moisture Barrier on Bio-based Packaging Materials by Atomic Layer Deposition, Terhi Hirvikorpi, VTT

Papers Coated with a MODIFIED Pigment Obtained by in Situ Synthesis of Silica Film on PCC, José A.F. Gamelas, University of Coimbra

Thin Coatings for the Paper by Foam Coating, Karita Kinnunen, Tuomo Hjelt, Eija Kenttä, VTT

Controlled Wetability of Paperboard by Nanoparticles Using Liquid Flame Spray Process, Milena Stepień, AA/TUT

Nanofibrillated Cellulose as Carrier of (Nano) Particles, Kirsi Kataja, VTT

Using Nanofibrillated Cellulose to Improve Biomaterials Properties for Packaging Applications, Susana Aucejo Romero, Packaging, Transport & Logistics Research Center

Modifying Contact Angles on Lignin Surfaces By the Application Of Silica Nanoparticles, Lei Dong, Tiina Nypelö, Monika Österberg, Janne Laine, and Mikko Alava, Aalto University

Cellulose Nanoparticles and Alginate Encapsulation for Their Use in Extrusion Process, Julien Bras - Laboratory of Pulp and Paper Science
Sponsorship Opportunities Are Available!
View the prospectus online at www.tappi.org/10nano or contact Ria Van den Bogaert at ria@vandenbo.com or +32 2 569 8905.

Hotel Information
Sokos Hotel Tapiola Garden
Tapioonauko 3
02100 Espoo, Finland
Telephone: +358 20 1234 600
Fax: +358 20 1234 640
Email: sokos.hotels@sok.fi
TAPPI has negotiated special hotel rates with Sokos Hotel Tapiola Garden. As a 2010 Nanotechnology Conference attendee you will receive a special rate if you reserve your room by 2 August 2010 and quote “TAPPI” when making reservation. Rooms outside our block may be much more expensive and will not include special offers. If you utilize a travel agent or company travel department, please let them know about the procedures.

Rates:
Standard Single Room: €129 (includes breakfast, service, room charge
VAT (8%), sauna, and wireless internet)
Standard Double Room: €149 (includes breakfast, service, room charge
VAT (8%), sauna, and wireless internet)

Registration Information
Three Easy Ways to Register
1. Go online to www.tappi.org/10nano and click Register Now
2. Phone: 1.800.332.8686 (US), 1.800.446.9431 (Canada), or +1.770.446.1400 (Worldwide)
3. Download a printable registration form from www.tappi.org/10nano
Need to make a Wire Transfer for payment? Call +1.770.446.1400 for details.

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* All fees must be paid in U.S. Dollars.

Cancellation:
If you find that you have to cancel, your full registration fee will be refunded if TAPPI’s Registration Department receives written notification (fax acceptable at +1.770.209.7206 by 31 August 2010. Please note: There will be a 50% refund for all written cancellations made after 31 August 2010 but no later than 20 September 2010. Understandably, after this time, no refunds can be issued. Substitutions, however, will be accepted any time without a penalty.

Dipoli Congress Centre: the Ideal Location for the 2010 International Conference on Nanotechnology for the Forest Products Industry

Dipoli Congress Centre is one of the premier prestigious venues in Finland for meetings, seminars, international congresses and festive events. It is in a prime location, sharing in the diverse services on offer in the capital as well as the innovative atmosphere of the scientific community of Otaniemi.

Espoo, Finland is the home of Otaniemi, the heart of Finland’s Hi Tech. Otaniemi is situated in the Greater Helsinki region, just 15 minutes west of Helsinki. A stone’s throw from Nokia’s worldwide headquarters, Otaniemi Technology Hub is the leading technology hub in the Nordic countries, featuring a unique mix of world-class research organizations, academic institutions and over 600 companies from start-ups to multinational corporations operating around a compact 2 kilometer campus.
REGISTRATION
10NANO
2010 International Conference on Nanotechnology for the Forest Products Industry
Espoo, Finland • 27–29 September 2010

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1) Mail – TAPPI, P.O. Box 933644, Atlanta, GA 31193-3644, USA
2) Online – go to www.tappi.org/10Nano
3) Fax – Fax completed registration form to +1.770.209.7206
4) Phone – 1.800.332.8686 (US), 1.800.446.9431 (Canada) or +1.770.446.1400 (Worldwide)
5) Wire Transfer – call +1.770.446.1400 for details

GENERAL INFORMATION
(Please print or type. Submit a separate form for each attendee, spouse or guest.)

Please check one: ☐ Mr. ☐ Ms. ☐ Mrs. ☐ Dr. ☐ Sr. ☐ Jr.
First Name __________________________ Last Name __________________________
TAPPI or PIMA Member # __________________________ Badge Name __________________________
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REGISTRATION FEES
All fees are in U.S Dollars
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*C member discounts are available to members of TAPPI. To qualify for member discount, please supply your TAPPI Member number above.

☒ Renew/Join TAPPI – Annual Membership Fee $174 (International members additional $14 for postage)

For the full amount of $ __________________________

Additional Events Hosted by VTT
(Registration is free, but reservation is required).
☒ Functional Materials Workshop (24/09/2010)
☒ Safety of Nanocellulose Workshop (30/09/2010) 08.30 – 12.00
☒ Lunch (30/09/2010)
☒ Lunch for registered attendees for VTT events only
☒ EU FP7 project “Promine” Information Day (30/09/2010)
☒ Tour of VTT (01/10/2010)

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Wire Transfer: US$ __________________________ was wired as payment on __________________________ (date)

1. WHAT TYPE OF COMPANY DO YOU WORK FOR? (choose only one)
☒ Pulp and Paper/Paperboard Manufacturing (1)
☒ Converting - Paper Packaging (4A)
☒ Converting - Flexible Packaging (4B)
☒ Independent Consultant: Engineering, Technical Production or Research (2)
☒ Manufacturer of Machinery, Equipment, Chemicals or Supplies (7)
☒ Woodlands, Forestry, Logging, Pulping & Chips (3)
☒ Tissue Manufacturing (5)
☒ Agricultural (Non-Forestry) (17)
☒ Energy Production Company (19)
☒ Dealer or Distributor of Supplies (8)
☒ University Professor (9A)
☒ Full Time Student (9B)
☒ University Library (9C)
☒ Press (10A)
☒ Library (10B)
☒ Association (10C)
☒ Government (10D)
☒ Retired (13)
☒ Nonwovens (14)
☒ Printing/Graphic Arts (15)
☒ Allied to the Industry (12)
☒ Industry Customer (end user) (16)

2. WHAT IS YOUR PRIMARY JOB FUNCTION?
☒ Librarian – Corporate (A)
☒ Technical Research (D)
☒ Marketing & Sales (G)
☒ Corporate Management (B)
☒ Engineering (E)
☒ Traffic & Shipping (H)
☒ Production (C)
☒ Purchasing & Stores (F)
☒ Other Management & Administrative Personnel (I)
☒ Other (J)

3. WHAT IS YOUR PRIMARY INDUSTRY? (check one)
☒ Energy Plant (E)
☒ Farm or Plantation (F)
☒ Pulp Mill Only (P)
☒ Technical/R&D Facility/Headquarters (H)
☒ Paper/Paperboard Mill Only (R)
☒ Independent Operations or Converting Plant (O)
☒ Integrated Pulp/Paper/Paperboard Mill (D)

4. HOW DID YOU HEAR ABOUT THE CONFERENCE?
☒ TAPPI.org website
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Do you require special accommodations for handicapped access? ☒ Yes ☒ No

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CANCELLATION POLICY
If you find that you have to cancel, your full registration fee will be refunded if TAPPI’s Registration Department receives written notification (fax acceptable at +1.770.209.7206) by August 31, 2010. Please note: There will be a 50% refund for written notification (fax acceptable at +1.770.209.7206) by August 31, 2010. Please note: There will be a 50% refund for written cancellations made after August 31, 2010 but no later than 5 business days prior to the start of the conference (September 20, 2010). Understandably, after this time, no refunds can be issued. Substitutions, however, will be accepted any time without a penalty.

Registration questions? Call 1.800.332.8686 (US), 1.800.446.9431 (Canada) or +1.770.446.1400 (worldwide) or email memberconnection@tappi.org