

Cellulose Nanomaterials – A Path Towards Commercialization

USDA Conference & Training Center,
Washington, DC
May 20-21, 2014

Workshop Agenda

	Tuesday, May 20, 2014
8:00 am – 8:30 am	Registration Breakfast and Coffee
8:30 am – 8:45 am	Welcoming Remarks Mr. Arthur “Butch” Blazer, Deputy Under Secretary for Natural Resources & Environment, USDA
8:45 am – 9:15 am	Opening Remarks – Day 1 Mr. Thomas Kalil, Deputy Director for Technology and Innovation, OSTP
9:15 am – 9:45 am	Cellulose Nanomaterials – Technical State of the Art Dr. Robert Moon, Materials Research Engineer, Forest Products Laboratory and IPST at Ga Tech
9:45 am – 10:00 am	Charge to the Workshop Dr. World Nieh, National Program Lead, Forest Products, USDA Forest Service
10:00 – 10:20 am	Break
10:20 am – 12:00 pm	FEDERAL PANEL Dr. Cynthia West, Associate Deputy Chief for R&D, USDA Forest Service Mr. Thomas Kalil, Deputy Director for Technology and Innovation, OSTP Dr. Dev Shenoy, Chief Engineer, AMO, EERE, DOE Dr. Michael Meador, Nanotechnology Program Manager, Game Changing Technology, NASA Glenn Research Center Dr. Charles Geraci, Coordinator, Nanotechnology Research Center, National Institute for Occupational Safety and Health <i>Each Panelist will speak for 10 minutes followed by a facilitated Q&A and Open discussion</i>

12 pm – 1:30 pm	Lunch Keynote Speaker: Dr. Sridhar Kota, Herrick Professor of Engineering, Mechanical Engineering, University of Michigan <i>Revitalizing American Manufacturing Putting "&" Back into R&D</i>
1:30 pm – 3:00 pm	LARGE VOLUME USER PANEL Mr. Travis Earles, Senior Manager, Advanced Materials & Nanotechnology Initiatives, Lockheed Martin Dr. Soydan Ozcan, Staff Scientist, Oak Ridge National Laboratory Dr. Orlando Rojas, Professor, Departments of Forest Biomaterials and Chemical & Biomolecular Engineering, North Carolina State University <i>Each Panelist will speak for 10 minutes followed by a facilitated Q&A and Open discussion</i>
3:00 pm – 3:20 pm	Break
3:20 pm – 4:50 pm	PAPER, PACKAGING, FOOD AND BEVERAGE PANEL Ms. Beth Cormier, Vice President for R&D and Technology, Sappi Paper Dr. Ed Socci, Director of Beverage Packaging, PepsiCo Advanced Research Dr. Bernard Cathala, Group Leader of Nanostructured Assemblies and Deputy Director of the Biopolymer, Interaction and Assembly Unit, National Agronomical Research Institute, Nantes, France <i>Each Panelist will speak for 10 minutes followed by a facilitated Q&A and Open discussion</i>
4:50 pm – 5:00 pm	Closing Remarks of the Day Mr. Sean Ireland, Manager of New Technologies and Market Ventures, Verso Paper
5:00 pm	Adjourn
	Wednesday, May 21, 2014
8:00 am – 8:30 am	Registration Breakfast and Coffee
8:30 am – 8:45 am	Recap of Day 1 and Expectations for Day 2 Dr. Lisa Friedersdorf, Senior Scientist, NNCO
8:45 am – 9:00 am	Opening Remarks – Day 2 Dr. Altaf Carim, Assistant Director for Nanotechnology, OSTP

9:00 am – 10:30 am	SPECIALTY APPLICATIONS PANEL Dr. Zhenqiang “Jack” Ma, University of Wisconsin-Madison Dr. Cliff Eberle, Technical Development Manager, Carbon and Composites, Oak Ridge National Laboratory Dr. Brian O’Connor, Program Manager – Environment, FPIInnovations <i>Each Panelist will speak for 10 minutes followed by a facilitated Q&A and Open discussion</i>			
10:30 am – 10:45 am	Break			
10:45 am – 12:15 pm	CHALLENGES AND OPPORTUNITIES IN MANUFACTURING PANEL Dr. Kim Nelson, Vice President for Government Affairs, API Mr. Jean Moreau, CEO, CelluForce Mr. Mike Bilodeau, Director, Process Development Center, University of Maine Mr. Yoram Shkedi, CEO, Melodea <i>Each Panelist will speak for 10 minutes followed by a facilitated Q&A and Open discussion</i>			
12:15 pm – 1:20 pm	Lunch <p style="text-align: center;">Keynote Speaker: Mr. Michael Goergen, Director, P³Nano</p> <p style="text-align: center;"><i>Introduction to P³Nano</i></p>			
1:20 pm – 1:30 pm	Reconvene session, charge for breakout (Fred Hanson, Energetics)			
1:30 pm – 3:30 pm Four breakouts in the same room	Breakout 1: Large Volume Users	Breakout 2: Paper, Packaging and Food	Breakout 3: Specialty Applications	Breakout 4: Challenges and Opportunities in Manufacturing
3:30 pm – 3:45 pm	Break			
3:45 pm – 4:30 pm	Breakout Reports and Discussion Dr. World Nieh, USDA Forest Service and Mr. Fred Hansen, Energetics			
4:30 pm – 4:45 pm	Closing Remarks Dr. Ted Wegner, Assistant Director, USDA Forest Service, Forest Products Laboratory			
4:45 pm	Adjourn			