

Cellulose Nanomaterials – A Path Towards Commercialization

***A Workshop Co-Sponsored by
USDA Forest Service
National Nanotechnology Initiative***

May 20 -21, 2014

***USDA Patriot Plaza III
355 E St., SW, Washington D.C.***

	<i>May 20, 2014</i>
<i>8:00 am – 8:30 am</i>	<i>Registration Breakfast and Coffee</i>
<i>8:30 am - 8:45 am</i>	<i>Welcome Remarks Mr. Tom Vilsack, Secretary of Agriculture (invited)</i>
<i>8:45 am – 9:15 am</i>	<i>Welcome Remarks Mr. Tom Kalil, Deputy Director for Technology and Innovation, OSTP</i>
<i>9:15 am – 9:45 am</i>	<i>Cellulose Nanomaterials – Technical State of the Art Dr. Robert Moon, Forest Products Laboratory and IPST at Ga Tech</i>
<i>9:45 am – 10:00 am</i>	<i>Charge to the Workshop</i>
<i>10:00 – 10:20 am</i>	<i>Break</i>
<i>10:20 am – 12:00 pm</i>	<i>Federal Panel Dr. Cindi West, Associate Deputy Chief for R&D, Forest Service Mr. Tom 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. Chuck Geraci, Coordinator, Nanotechnology Research Center, National Institute for Occupational Safety and Health Each Panelist will speak for 10 minutes followed by a facilitated Q&A and Open discussion</i>
<i>12 pm – 1:30 pm</i>	<i>Lunch Proposed lunch speaker: Tom Connelly – DuPont (Tentative)</i>
<i>1:30 pm – 3:00 pm</i>	<i>Large Volume User Panel Mr. Travis Earles, Technology Manager, Lockheed Martin</i>

	<p><i>Dr. Orlando Rojas, Professor, Departments of Forest Biomaterials and Chemical & Biomolecular Engineering, North Carolina State University</i></p> <p><i>(Panelist for Transportation TBD)</i></p> <p><i>Each Panelist will speak for 10 minutes followed by a facilitated Q&A and Open discussion</i></p>
<i>3:00 pm – 3:20 pm</i>	<i>Break</i>
<i>3:20 pm – 4:50 pm</i>	<p><i>Paper, Packaging, Food and Beverage Panel</i></p> <p><i>Ms. Beth Cormier, Vice President for R&D and Technology, SAPPi Paper</i></p> <p><i>Dr. Ed Socci, Director of Beverage Packaging, PepsiCo Advanced Research</i></p> <p><i>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></p> <p><i>Each Panelist will speak for 10 minutes followed by a facilitated Q&A and Open discussion</i></p>
<i>4:50 pm – 5:00 pm</i>	<i>Closing Remarks of the Day</i>
<i>5:00 pm</i>	<i>Adjourn</i>
	<i>May 21, 2014</i>
<i>8:00 am – 8:30 am</i>	<p><i>Registration</i></p> <p><i>Breakfast and Coffee</i></p>
<i>8:30 am – 8:45 am</i>	<i>Recap of yesterday's program, Expectation for today's program</i>
<i>8:45 am – 9:00 am</i>	<p><i>Lead off</i></p> <p><i>Dr. Toj Carim, Assistant Director for Nanotechnology, OSTP</i></p>
<i>9:00 am – 10:30 am</i>	<p><i>Specialty Applications Panel</i></p> <p><i>Dr. Jack Ma, University of Wisconsin</i></p> <p><i>Dr. Cliff Eberle, ORNL</i></p> <p><i>(Panelist for Green Applications: TBD)</i></p> <p><i>Each Panelist will speak for 10 minutes followed by a facilitated Q&A and Open discussion</i></p>
<i>10:30 am – 10:45 am</i>	<i>Break</i>
<i>10:45 am – 12:15 pm</i>	<p><i>Challenges and Opportunities in Manufacturing Panel</i></p> <p><i>Dr. Kim Nelson, Vice President for Government Affairs, API</i></p> <p><i>Mr. Jean Moreau, CEO, CelluForce</i></p> <p><i>Dr. Mike Bilodeau, University of Maine</i></p>

	<i>Mr. Yoram Shkedi, Melodea</i>			
	<i>Each Panelist will speak for 10 minutes followed by a facilitated Q&A and Open discussion</i>			
<i>12:15 pm – 1:20 pm</i>	<i>Lunch</i>			
<i>1:20 pm – 1:30 pm</i>	<i>Reconvene session, charge for breakout</i>			
<i>1:30 pm – 3:30 pm</i> <i>Four breakouts in the same room</i>	<i>Breakout 1: large volume users</i>	<i>Breakout 2: Paper, Packaging and Food</i>	<i>Breakout 3: Specialty Applications</i>	<i>Breakout 4: Challenges and Opportunities in Manufacturing</i>
<i>3:30 pm - 3:45 pm</i>	<i>Break</i>			
<i>3:45 pm – 4:30 pm</i>	<i>Breakout Reports and Discussion</i>			
<i>4:30 pm – 4:45 pm</i>	<i>Next Steps: Action: government and industry to incorporate workshop outcome into plans of action; leverage workshop outcome to inform budget and policy</i>			
<i>4:45 pm – 5:00 pm</i>	<i>Closing Remarks Mr. Michael Rains, Acting Director, Forest Products Laboratory.</i>			
<i>5:00 pm</i>	<i>Adjourn</i>			

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