MONDAY, 11 OCTOBER

0900–1000: Registration with coffee

1000–1200: Joint opening session of Timber Committee (TC) and Society of Wood Science and Technology (SWST), Salle XVIII (Keynote – Jim Bowyer, Dovetail Partners, USA) 

1200–1300: TC Session, Salle XVIII
1200–1300: SWST Business meeting, Salle XXIII

1500–1800: Joint TC & SWST session: Markets for Use of Solid and Engineered Wood Products in Green Construction—Sudipta Dasmohaptra, North Carolina State University, USA and Branko Glavonjic, University of Belgrade, Serbia, Salle XVIII

1500–1515: Opening of Session, Sudipta Dasmohaptra, North Carolina State University, USA and Branko Glavonjic, University of Belgrade, Serbia. Sue Anagnost, State University of New York, USA

1515–1530: Introduction to Market Discussions, Ed Pepke, UNECE/FAO, Switzerland

1530–1555: Forest Products Market and Policy Developments, Helmuth Resch, BOKU University, Austria

1555–1610: Economic and Construction Situation 2010–2011, Delton Alderman, USDA Forest Service, USA

1610–1630: Discussion

1630–1650: EWP and VAWP Markets, Filip de Jaeger, Forest-Based Sector Technology Platform

1650–1700: Discussion


1720–1740: Break

1740–1800: Discussion and close of day’s discussions

18:00: Chairs’ Reception, Palais des Nations, 8th floor

TUESDAY, 12 OCTOBER

Parallel Sessions

1000–1300: TC Market Discussions continued, Salle XVIII

1000–1010: Opening of second session, Branko Glavonjic, University of Belgrade, Serbia

1010–1030: Wood Raw Material Markets and Forecasts, Roman Michalak, UNECE/FAO


1050–1120: Discussion

1200–1300: Lunch break

1300–1500: Market Discussions on Solid Wood Products, Salle XVIII

1500–1515: Opening of second market discussion, Branko Glavonjic, University of Belgrade, Serbia

1515–1530: Wood Raw Material Markets and Forecasts, Roman Michalak, UNECE/FAO


1550–1610: Discussion

1610–1630: Break

1630–1700: Consumer Perceptions on Wooden Multistory Houses: Segmenting International Markets, Anders Baudin, Linnaeus University, Sweden

1700–1720: Discussion and close of day’s discussions

18:00: Chairs’ Reception, Palais des Nations, 8th floor
1120–1140: *Carbon Markets*, Jukka Tissari, FAO, Italy
Discussion

1140–1200: *Certified Forest Products Markets*, Katie Fernholz, Dovetail Associates, USA

1200–1240: *Innovation through a Typology Integrating Advanced Manufacturing Technologies and Customization Strategies in Furniture Manufacturing*, Robert Beauregard, Universite Laval, Canada

1240–1300: Discussion

1000–1300: SWST Session: *Innovative Wood and Wood-based Materials and Their Use in Sustainable Construction* – Jim Bowyer, Dovetail Partners, USA and Ed Suttie, Building Research Establishment (BRE) Timber, United Kingdom, Salle XXIII

1000–1025: *New Technology for the Continuous Production of Wood-Based Lightweight Panels*, Marius C. Barbu, University Transilvania Brasov, Romania [IW-1]

1025–1050: *New Lightweight Solid Wood Panels for Green Building*, Nikolay V. Skuratov, Moscow State Forestry University, Russia [IW-4]

1050–1115: *Formaldehyde Free Wood-Based Composites Produced Through a Reactive Extrusion Process*, Laurant M. Matuana, Michigan State University, USA [IW-2]

1115–1140: *Carbonizing Binder-less Wood Shaving Insulation Panels for Better Insulation Capacity and Durability-Part 1: Relationships Between Thermal Conductivity and Carbonizing Temperature*, Noboru Sekino, Iwate University, Japan [IW-3]

1140–1205: *Evaluation of lupin flour (LF)-based adhesive for making sustainable wood materials*, Marcia Vidal and Esteban Ramirez, Masisa S.A., Chile; Emilio Vergara, Mario Núñez and Aldo Ballerini, Universidad del Bio-Bio, Chile [IW-5]


1230–1300: Discussion and Questions

1500–1800: SWST Session: *Poster Session, Student Poster Competition, Reception/Cash Bar*, Hallway, 1st Floor, E-Building – Douglas Gardner, University of Maine, USA and Magnus Wålinder, SP Tratek, Technical Research Institute of Sweden, Sweden

1500–1800: TC Market Discussions continued, Salle XVIII


1520–1540: Discussion

1540–1600: *Panels Markets and Forecasts*, Ivan Eastin, University of Washington, USA

1600–1615: Discussion

1615–1625: *Sawn Hardwood Market Developments and Forecasts*, Rupert Oliver, Forest Industries Intelligence Ltd., United Kingdom

1625–1645: *Appalachian Hardwood Product Exports – An Analysis of the Current Chinese Market*, Jingxin Wang, West Virginia University, USA [MA-3]

1645–1700: Discussion

1700–1720: *Paper and Pulp Markets and Forecasts*, Dr. Eduard Akin, St. Petersburg State Technological University of Plant Polymers, Russia

1720–1735: Discussion

1735–1800: *Summary and close of Market Discussions*, Branko Glavonjić, University of Belgrade, Serbia

**WEDNESDAY, 13 OCTOBER**


*schedule continues on next page*
1000–1010: Opening by UNECE/FAO Secretariat and Forum Chairman – Ed Pepke, UNECE/FAO, Switzerland; Robert Beauregard, Université Laval, Canada; Jeremy Wall, UNECE Team of Specialists, Belgium

1010–1035: Keynote: Influence of Material Use in Green Building Policies, Sylvain Labbé, Quebec Wood Export Bureau, Canada BC-7


1055–1115: Comparison of European Codes, Standards, and Practice including with Other Global Regions, Frank Werling, FinnForest UK, United Kingdom BC-11

1115–1135: Discussion

1135–1155: Recent Developments in LCA Parameters, Richard Murphy, Imperial College, United Kingdom BC-8

1155–1215: Environmental Evaluation of Timber Buildings Using Life Cycle Assessment Methodology, Caroline Frenette, Cecobois, Canada BC-4


1240–1300: Discussion

1300–1350: Lunch on your own

1350–1500: Wood Products in Climate Policies and its Linkage to Sustainable Building Assessment Schemes, Sebastian Rueter, Johann Heinrich von Thuenen-Institute (vTI), Germany BC-10

1500–1540: Why Wood is Not Used to a Greater Extent in the Construction of Multi-story Buildings, Lars Eliasson, Växjö University, Sweden BC-3

1540–1600: Discussion

1600–1615: Break

1615–1655: Designers’ Views of Green Structural Materials: Implications for Wood Science Research, Chris Knowles, Oregon State University, USA BC-6

1635–1655: Marketing Certified Wood for Building Construction in Italy and UK: What is Missing? Lucio Brotto, Agripolis-University of Padova, Italy BC-1


1715–1735: Discussion

1735–1745: Break

1745–1800: Chairmen’s Summary and Closing Remarks, Robert Beauregard and Jeremy Wall

THURSDAY, 14 OCTOBER

1000–1300: TC Session, Salle XVIII

1000–1300: SWST Session: Role of Nanotechnology in Green Materials and Sustainable Construction

1000–1030: Full Set of Elastic Constants of Spruce Wood Cell Walls Determined by Nanonindentation, Johannes Konnerth, Christoph Buksnowitz, and Wolfgang Gindl, Boku University Vienna, Austria; and Karen Hofstetter and Andreas Jäger, Vienna University of Technology, Austria NT-2

1030–1100: Progress on Cellulose Nanofiber-Filled Thermoplastic Composites, Douglas J. Gardner, University of Maine, USA NT-1

1100–1130: Green Nanocomposites Reinforced with Cellulosic Crystals Isolated from Hardwood Residues and Hybrid Poplar, Jingxin Wang, West Virginia University, USA NT-6

1130–1200: Impact of Two Different Cellulose Nanoreinforcements on the Melting and Crystallization Behavior of Polycaprolactone, Gilberto Siquiera, Lulea University of Technology, Sweden NT-5

1200–1230: In Situ Cure of Cellulose Whiskers Reinforced Thermosetting Phenolic Resins: Impact on Resin Morphology, Cure and Performance, Marie-Pierre G. Laborie, Albert Ludwig University of Freiburg, Germany NT-4

schedule continues on next page
1230–1300: Release of Conventional and Nano-Sized Biocides from Coated Wooden Facades During Weathering: Consequences for Functionality and Aquatic Environment, Tina Künniger, EMPA, Switzerland NT-3


1500–1800: SWST Session: Structural Design for Sustainable Construction and Disaster Mitigation – Mike Wolcott, Washington State University, USA and Marc-André Gonin, Bern University of Applied Sciences, Architecture, Wood and Civil Engineering, Switzerland, Salle XXIII

1500–1520: Timberfabric Applying Textile Principles on a Building Scale, Yves Weinand, IBOIS, Switzerland SD-4
1520–1540: The Triakonta Structural System: From Toy to Tower, John Elliott, Cornell University, USA SD-2
1540–1600: Sustainable Light-weight Wood-strand Panels for Building Construction, Vikram Yadama, Washington State University, USA SD-7
1600–1620: Surge Wave Loading on Wood Structures, Rakesh Gupta, Oregon State University, USA SD-3
1620–1640: Discussion and Questions
1640–1700: Structural Design for Energy Efficient Multistory Timber Houses – State of the Art in Europe, Andreas Müller, Bern University of Applied Sciences, Switzerland SD-4
1700–1720: Seismic Behavior of Multistory Cross-laminated Timber Buildings, Ario Ceccotti, CNR-IVALSA, Italy SD-1
1740–1800: Questions and Discussion

1500–1800: SWST Session: Current Challenges in Wood Science Education – Jim Armstrong, West Virginia University, USA and Rupert Wimmer, Georg-August-Universität of Göttingen, Germany, Salle XVIII

1500–1520: Wood Science and Technology Program Accreditation in the United States – Guidelines, Processes and Changing Demand, Robert W. Rice, University of Maine, USA ED-6
1520–1540: European Master Programs in Wood Science and Technology, Heiko Thoemen, Bern University of Applied Sciences, Architecture, Wood and Civil Engineering, Switzerland ED-7
1540–1600: Women in the Wood Science and Technology Profession, Susan Anagnost, State University of New York, USA ED-1
1600–1620: Wood Science Educational Programs in East Europe, Marius C. Barbu, University Transilvania Brasov, Romania ED-2
1620–1640: Discussion and Questions
1640–1700: Part 1 – What Foresters Need to Know about Wood Technology, James M. Ringe, University of Kentucky, USA; Part 2 – What Wood Technologists Need to Know about Forestry, Terrance E. Conners, University of Kentucky, USA ED-3
1700–1720: E-Learning in Wood Science and Technology-The Moby Wood Tool, Robert Nemeth, University of West Hungary, Hungary ED-5
1720–1740: Sustainable Biomaterials and Bioenergy – Examining How We Think about Forest Products, from Education to Global Policy, Barry Goodell, University of Maine, USA ED-4
1740–1800: Questions and Discussion
2000: SWST Swiss Banquet at Edelweiss Restaurant ($50 fee required)