PEACHTREE CORNERS, GA – May 9, 2017 – The Forest Products Society (FPS), a global network for forest products professionals, is pleased to announce the winners of its 2017 Annual Excellence Awards. The awards will be presented on June 28, 2017 during a luncheon at the 71st FPS International Convention (IC) in Starkville, MS, USA. The winners are:

**Fred W. Gottschalk Memorial Award**
Kevin Cheung, Ph.D., P.E., CQA/ASQ
Chief Engineer at Western Wood Products Association, Portland, OR

The prestigious **Fred W. Gottschalk Memorial Award**, named for the first President of the Society, recognizes exceptional service to the Forest Products Society by an individual member. Our 2017 Gottschalk Award Winner is Dr. Kevin Cheung, Chief Engineer at Western Wood Products Association in Portland, Oregon. Dr. Cheung has been involved in and committed to FPS throughout his 30 years of membership and service. Kevin currently serves as an associate editor for the Forest Products Journal. He began his “elected” FPS career as Secretary in 1996, after being a member for 11 years. Since that position 21 years ago, Kevin has chaired countless meetings, sections and conventions, most recently Co-Chair for the 2016 FPS International Convention in Portland, OR.

**Wood Engineering Achievement Award—Engineering Innovation**
Joseph Jakes, Ph.D
Research Materials Engineer
Forest Biopolymers Science & Engineering
USDA Forest Service, Forest Products Laboratory

The **Wood Engineering Achievement Award** recognizes achievements and innovations in the discipline of wood engineering, including structures, structural elements, building codes, consensus standards, design procedures and education. In 2017, the award honors a young engineer, researcher, or scientist with potential for significant contributions to the field. Dr. Joseph Jakes of the USDA Forest Service Forest Products Laboratory is the recipient of this year’s award. Dr. Jakes's expertise is in the development and employment of methodology to understand material properties at the smallest lengths possible, the nanoscale. In forest products research, his efforts are leading to improved wood adhesives and the development of new high-performance wood-based composite materials, including those utilizing nanocellulose. Ultimately, Jakes's goal is the development of new and improved forest products that lead to the efficient utilization and management of forest resources.

The Wood Engineering Achievement Award is sponsored annually by the American Wood Council.
**L.J. Markwardt Award**
The L.J. Markwardt Award recognizes the author(s) of a technical paper published in the Forest Products Journal or Wood and Fiber Science during the previous two years that has the most outstanding merit in the field of wood as an engineering material. This award encourages research and promotes knowledge of wood in the engineering field to enhance the efficient utilization of wood. The 2017 winning paper is:

“Creep Testing of One-Component Polyurethane and Emulsion Polymer Isocyanate Adhesives for Structural Timber Bonding”

**Primary Author:** Simon Aicher, Department Head, Research Associate, and Research Associate, Timber Constructions, Materials Testing Inst. (MPA Stuttgart, Otto-Graf-Institut [FMPA]), Univ. of Stuttgart, Stuttgart, Germany

**Co-authors:** Zachary Christian, Univ. of Stuttgart, Stuttgart, Germany, and Gordian Stapf, Univ. of Stuttgart, Stuttgart, Germany

The article was published in the Spring 2015 issue of FPJ and was part of special issue of 10 selected articles addressing a theme of efficient use of wood resources in wood adhesive bonding research. The research reported in these articles was presented at the International Conference on Wood Adhesives, held on October 9–11, 2013, in Toronto, Canada.

The Markwardt Award is jointly presented by FPS and SWST (Society of Wood Science and Technology).

**Thanks to the 2017 Markwardt Award Judges:**
Matthew Scholl, Georgia-Pacific
Joe Dahlen, University of Georgia
Mohammad Mohammad, FPInnovations

**Wood Award**
The Wood Award recognizes the most outstanding graduate student research conducted in the field of wood and wood products. Wood Award papers describe original research on a wide range of topics including, but not limited to, harvesting and forest operations, product development and manufacture, fundamental properties, end-use applications, and distribution and marketing. The 2017 winners are:

**First Place**
“Wood Grain Direction Measurement From Spatial Reflection.”
Author: Qi (Patrick) Pan, University of British Columbia

**Qi (Patrick) Pan** comes from Huzhou, China. He completed his undergraduate study at Ningbo University, China, majoring in Mechanical Engineering. In his senior year, Patrick earned a chance from the China Scholarship Council to study at the University of California, San Diego for a one-year exchange program. He also had a summer internship at the Zhejiang Kingland Pipeline and Technologies Ltd, designing the technological processes for the Submerged Arc Welded steel pipes. Patrick is now studying for his Masters degree at the University of British Columbia, Vancouver, Canada, where his thesis research is on wood grain angle measurement by a 3D optical technique.
Second Place
“Analysis of Adhesive Penetration into Wood Using Nano-X-ray Computed Tomography.”
Author: Paige McKinley, Boise Cascade (formerly Oregon State University)
Paige McKinley grew up in western North Carolina and earned her Bachelor of Science degree in Wood Science and Forest Products, with a concentration in Residential Wood Structures, from Virginia Tech in May of 2014. Upon graduation, she began her graduate studies at Oregon State University, working under Fred Kamke and Ari Sinha in Wood Science and Engineering. Her Masters project focused on wood-adhesive bonds and the influences of moisture on the integrity of the bond. She earned her Master of Science in August of 2016. She now works as an Industrial Engineer for Boise Cascade, working on process and quality improvement for the Western Oregon Region

Thanks to the 2017 Wood Award Judges:
Arijit Sinha, Oregon State University (recused himself from evaluation of two papers he advised)
Dr. Joseph Dahlen (University of Georgia)
Dr. Laurence Schimleck (Oregon State University).

More information about the FPS Excellence Awards is available here.