

WOOD C&S

2022

10th Wood Coatings and Substrates Conference Hybrid Conference

When and Where:

Thursday & Friday, September 22 & 23, 2022
World Wide Web
Virtual Conference

Featuring:

Industry and Research experts discussing new changes in wood substrates
Expert Speakers on coatings science, raw materials, and technology for wood coatings

Sponsored by:

University of North Carolina at Greensboro
Wood Coatings Research Group

Keynote Speakers:

Dr. Junyong (J.Y.) Zhu, Ph.D
Scientific Leader
USDA Forest Products Laboratory (FPL)
Madison, WI

Dr. Richard Eley, Ph.D.
Retired - Senior Scientist and Head of the Rheology and Interface Science Laboratory, Polymer Physics Group
Akzo Nobel Coatings, Strongsville Research Center

Who should attend Wood C&S?

- Chemists and Formulators dedicated to improving wood coating performance and ease of manufacture.
- Raw material and equipment suppliers requiring competency in the wood and wood coatings discipline.
- Wood manufacturers, scientists, and technologists
- Students interested in pursuing a career in the coatings, material sciences, and chemical sciences disciplines.
- Educators interested in the wood coatings market and related material science technologies.
- End users who need coatings to add value to their products.

Complete **WOOD C&S** Conference Information:

<https://www.woodcoatingsresearchgroup.com/wood-coatings--substrates-conference-2022.html>

Please submit questions to r.obie@woodcoatingsresearchgroup.com

Abstracts are currently being taken. Please submit abstracts by June 1, 2022 to r.obie@woodcoatingsresearchgroup.com

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KEYNOTE ADDRESS

Dr. Junyong (J.Y.) Zhu, Ph.D
Scientific Leader
USDA Forest Products Laboratory (FPL)
Madison, WI

Dr. J.Y. Zhu is a scientific leader at the USDA Forest Products Laboratory, Madison, Wisconsin. Currently, he holds an adjunct appointment at the University of Wisconsin-Madison. He was the inaugural Fulbright-Aalto University Distinguished Chair in Energy and Sustainable Use of Natural Resources (2016), Helsinki, Finland. Prior to the current position he had been with the Institute of Paper Science and Technology for 10 years (now part of Georgia Institute of Technology). His research covers a broad area of wood utilization for producing fibers, biofuels and biochemicals through fractionation. His recent research including wood cell wall engineering through wood chemical treatment for producing advanced wood structural materials. He has co-authored over 200 peer referred papers and over a dozen of US patents. His work is frequently cited by the broad scientific community with google scholar h index of 70. His scientific accomplishments were honored with several major national and international awards including the IUFRO (International Union of Forest Research Organizations) Scientific Achievement Awards in 2019, US Forest Service Chief's Honor Award in 2019, the AIChE (American Institute of Chemical Engineers) Andrew Chase award in 2016. Dr. Zhu is a Fellow of AIChE, TAPPI, and IAWS (International Academy of Wood Science).

Google Scholar Publication List:

http://scholar.google.com/citations?hl=en&user=RHy3aEYAAAAJ&view_op=list_works

Research Gate Publication page: https://www.researchgate.net/profile/JY_Zhu/



KEYNOTE ADDRESS

Dr. Richard Eley, Ph.D.
Retired - Senior Scientist and Head of the Rheology and Interface Science
Laboratory, Polymer Physics Group
Akzo Nobel Coatings
Strongsville Research Center

Dr. Richard Eley is retired from Akzo Nobel Coatings, Strongsville Research Center, where he was Senior Scientist and Head of the Rheology and Interface Science Laboratory, Polymer Physics Group.

He received his Ph.D. in Physical-Inorganic Chemistry from Kent State University and completed a post-doctoral position at Georgetown University. He taught chemistry at the U.S. Naval Academy, Annapolis, following which he had a 36-year career in the Polymers and Coatings industry with ICI Americas and Akzo Nobel. He was also Adjunct Professor of Mechanical Engineering, University of Delaware for 23 years.

Dr. Eley is the author or co-author of over 30 publications, including a recent comprehensive review titled "Applied Rheology and Architectural Coating Performance". He received the Mattiello Award and three first-place Roon Awards from the Federation of Societies for Coatings Technology (FSCT, now American Coatings Association). He has served on and chaired technical committees and organized short courses for the American Chemical Society, the Society of Rheology, and FSCT. He has presented numerous invited lectures and tutorials at universities, technical conferences, and for private industry in the UK, the Netherlands, Greece, Japan, Canada and across the United States.