



Topic of the Speech:

Digital Reconstruction of Heritage Clothing: A Systematic Review of 3D Technologies and Workflow Paradigms

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Dr. Chuanlan Liu is Professor and Doris L. & Jules A. Carville, Jr. Professor in Human Ecology at Louisiana State University, where she also serves as Graduate Advisor in the Department of Textiles, Apparel Design, and Merchandising. She holds a Ph.D. in Integrated Textile and Apparel Sciences and an MBA from Auburn University.

Dr. Liu's research focuses on digital transformation in fashion and retail, consumer behavior, sustainability, and emerging technologies, including AI, digital product passports, and 3D design systems. Her work bridges technology and consumer insights, advancing understanding of how innovation reshapes fashion systems and user experiences. She has authored over 70 peer-reviewed publications.

An internationally recognized scholar, Dr. Liu has delivered keynote and plenary speeches across the United States and Asia, contributing to global dialogue on digitalization, sustainability, and innovation in textiles and apparel. Her leadership extends to interdisciplinary research, graduate mentorship, and industry collaboration, positioning her as a leading voice in shaping the future of fashion through technology and policy.