Lushan (Sarina) Sun
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Bio
Dr. Lushan Sun (Sarina) previously received her doctoral degree from University of Missouri. Her current research involves the application of digital fabrication methods in wearable product design to overcome the current challenges in the textile and apparel supply chain. Dr. Sun’s interests include design cognition, human-computer interaction in computer-aided design, design thinking, and sustainable design. Her design research has also been recognized through international awards.

Presentation Title: Delving Into the New Era of 3D Printing: Perspectives in Wearable Product Design

Abstract:
The development of novel technologies has often altered the way we live in countless times. In recent years, 3D printing is taking on a new role in digital age through a range of fields, from health, defense to consumer products. This transformative technology is recognized as a form of rapid prototyping method and is able to reduce some of the traditional manufacturing constraints. The textile and apparel industry has thus begun to notice its potential, especially in product customization. As traditional apparel designers today transitions into the realm of digital fabrication, more explorations are expected in a number of topics through interdisciplinary approach, which will deeply impact the future of textile and apparel industry.