Special Issue

Reinventing Textiles: The Intersection of Biology, Technology, and Design

Message from the Guest Editor

Future threads of textile innovation embrace the reinvention of textiles through the intersection of biology, technology, and design. Biodesign in textile innovation combines principles from biology, design, engineering, and technology to create sustainable and innovative solutions for various challenges in the textile industry. This approach explores groundbreaking advancements at the confluence of biological science, cutting-edge technology, and innovative design for novel textile product development. The interdisciplinary field of biodesign delves into several key aspects:

- Sustainable Materials
- Biomimicry
- Biofabrication
- Interdisciplinary Collaboration
- Environmental Impact
- Health and Wellbeing
- Ethical Considerations

Guest Editor

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