

Arloize: Turning Wood Scraps into Personalized Clocks

The Arloize project repurposes wood waste into functional art, empowering makers to create modern yet traditional clocks while promoting environmental sustainability and local craftsmanship.

The Phoresy Pack: A Breakthrough in Ergonomic Design

An ergonomic backpack that blends traditional artistry with cutting-edge design technology, redefining backpack innovation while supporting local craftsmanship.

Future Landscape Trust: An Environmental Design Project in Sussex

The Future Trust project shows how technology and community collaboration can create resilient environments. Protecting Pett Level from floods sets an example for other coastal regions and highlights the impact of innovative landscape

design on environmental management.

Matteo Bulla's Thesis on Digital Shoe Design

A thesis project that shows how digital tools can revolutionize footwear design by combining creativity with technical precision to create innovative and sustainable products.

Shellbical Pavilion

The Shellbical Pavilion emerged as a collaborative endeavor from students enrolled in the Digital Construction Bachelor's program at Lucerne University of Applied Sciences and Arts (HSLU).

Innovation Over Time: KPF's Legacy with Rhino.Compute In-

House Developed Plugins

KPF's journey demonstrates the power of innovation, using expertise and technology to redefine architecture.

Predictive Precision in 3D Printing Through AI

Neelam Chellani's research focused on enhancing shrinkage and deformation prediction in 3D printing through cGANs, delving into machine learning's ability to forecast deformation in 3D-printed objects.

The White Snake Bridge Model

The White Snake Bridge is inspired by the sinuous form of a snake. The design process involved careful planning and strategic decisions, blending innovative parametric modeling techniques with traditional craftsmanship.

The Carapacks Pavilion: A Hexagonal Innovation

The Carapacks Pavilion features a versatile design suitable for wooden pavilions, roofs, and facades, showcasing architectural exploration and collaboration through innovative design and digital integration.

The Talavera Project, Bridging Heritage and Technology for a Sustainable Future

The Talavera Project aims to blend traditional handmade craftsmanship with digital fabrication, specifically robotic 3D printing. Inspired by Uriarte Talavera's historic techniques, the team used Rhino for 3D modeling and Grasshopper for slicing and optimizing printing.