

FibR's Robotic Elegance in Architectural Design Through the Texoversum Project

Using carbon fibers for optimal load-bearing and glass fibers for shading, the Texoversum facade is an impressive example of digital lightweight construction.

Mike Annear's 3D Scanning Odyssey

One name stands out in the ever-evolving landscape of 3D scanning and modeling technology: Mike Annear, the founder of Scan2Model. With a career spanning over two decades, Mike has been at the forefront of the 3D scanning revolution.

Colombia Majestuosa

The municipality of Envigado in Colombia introduced "Colombia Majestuosa," a new Christmas experience that uses a combination of technology and traditional craftsmanship to represent different regions' cultural and natural diversity.

ContraFuerte: a Groundbreaking Symphony of Artistry & Computational Ingenuity

In Philadelphia, Miguel Horn's visionary fusion of artistry and advanced design techniques came to life through a combination of traditional sculpting methods and Chris Landau's innovative digital expertise.

Origami, Shaping Colombia's Architectural Frontier Through Parametric Design

Origami has redefined architectural possibilities through parametric and algorithmic design. Their strategic use of plugins and technological understanding allows them to produce efficient and aesthetically pleasing solutions in every project.

Digital Fabricators Project: Kerf Fabric

A unique project helmed by students enrolled in the Digital Construction Bachelor's program at Lucerne University of Applied Sciences and Arts (HSLU). The design of this hemisphere and its fitting influenced the production of Voronoi plates using a 3-axis CNC milling machine.

Revolutionizing Climbing Wall Design with Computational Workflows

Climbing walls have transcended their traditional role as recreational structures, emerging as fertile ground for architectural innovation driven by computational design.

V2 Marine Design: Revolutionizing Marine CFD with Orca3D

Integrating Computational Fluid Dynamics (CFD) into small design offices has revolutionized the marine industry. Orca3D's template architecture in Rhino3D has made the process

accessible for non-CFD experts, extending the analysis beyond the hull to evaluate fluid behavior in a 3D domain.

Triangulation: 3D Printed Parametric Jewelry & Accessories

Triangulation boldly explores new frontiers in fashion by blending architectural aesthetics with cutting-edge design technology. Utilizing Rhino and Grasshopper, AI-generated designs are brought to life through 3D printing.

The Story Behind Harm0H Pairing Bar's Unique Lighting Installation

The Harm0H Pairing Bar in Brazil was designed to balance creativity, budget constraints, and time limitations. The concept of "fluidity" was introduced to reflect the flow of the adjacent street within the building, resulting in a harmonious and attractive design.