Casa Fratelli: Generative Growth within a Historic Ruin

A parametric liana composed of 1,000 3D-printed elements reclaims a historic ruin in Bucharest, using generative design and custom fabrication workflows to merge light, material, and growth logic.

Itaca: Parametric Design and Large-Scale 3D Printing for a Self-Sufficient Farm

A 3D-printed building developed with Rhino and Grasshopper explores how parametric design and large-scale additive manufacturing can support self-sufficient living systems and circular construction models.

Drawn in Code, Cast in Concrete: The MCIC Monumental Stair

At the Madera Cyber Innovation Center, a monumental stair became the centerpiece of both design ambition and collaborative execution, a sculptural concrete and glass

feature shaped by computational design and realized through a fully coordinated digital workflow. This project showcases how advanced modeling tools can turn complex architectural visions into buildable, precise outcomes.

Oberhauser’s Balloon: Parametric Control and Large-Scale Concrete 3D Printing

A 3D printed concrete lamp that embraces its own layered logic, the Oberhauser’s Balloon demonstrates how parametric modeling and Selective Paste Intrusion can redefine scale, precision, and expression in outdoor lighting.

Recreating 1950s Medellín: Scenic Design Powered by Rhino

Blending music, memory, and digital design, La Sociedad de la Cumbia recreates the spirit of 1950s Medellín through a carefully crafted scenic production built with Rhino 3D.

Christmas Sparks in Envigado: City-Scale Lighting Through Digital Design

A city-scale Christmas lighting project in Envigado, Colombia, where Rhino was used as the central platform for 3D modeling, dimensional control, structural coordination, and fabrication documentation of complex illuminated elements inspired by Art Nouveau.

When Performance Becomes Visible: Refining Running Trim with Orca3D

At Bayliss Boatworks, performance is evaluated not only through data, but through how a yacht looks and feels at speed. By leveraging Orca3D’s Marine CFD tools inside Rhino, the design team is refining running trim and stagnation lines, elevating both hydrodynamic behavior and visual clarity on the water.

Digikala Flagship Store: A

Physical Prototype for the Future of Online Retail

Digikala’s first flagship store reimagines online retail as a physical and immersive spatial experience: a 400 m² prototype where portals, interactive environments, and a continuous spiral transforms passive browsing into active participation.

Silverback Grizzly 21 LE: Data-Driven Design for Law Enforcement on the Water

A high-performance patrol vessel designed with Petestep’s Spray Deflector Technology and refined through Rhino and Orca3D Marine CFD. The Silverback Grizzly 21 LE sets a new benchmark for speed, efficiency, and crew comfort in law enforcement marine craft.

The Peanut Bench: Free-Form Coopering on a CNC Robot

The Peanut Bench reimagines the traditional coopering technique through computational design. Using Rhino, Grasshopper, and CNC machining, Stephen Thrasher crafted a free-form wooden bench that bridges craftsmanship and digital

fabrication.