

Crafting Stories in Jewelry: Ana Rubio's Approach to Digital and Handcrafted Design

Ana Rubio blends traditional craftsmanship with modern technology, using Rhinoceros 3D to create jewelry that tells unique stories through natural, geometric, and symbolic designs.

The Yamma Pedestrian Bridge: Enhancing Urban Infrastructure Through Rhino.Inside.Revit

Spearheaded by Robert Bird Group, the Yamma Pedestrian Bridge in Brisbane exemplifies cutting-edge engineering and urban connectivity driven by parametric design. This project sets a new standard for efficiency and collaboration in urban infrastructure, revolutionizing bridge design with dynamic, adaptable models and seamless data exchange through Rhino.Inside.Revit.

Flow: Parametric Techniques for a Meditative Retreat

Flow, an innovative geodesic dome project at Universidad del Sinú in Colombia, leverages parametric design to create a meditation space that harmonizes structure, light, and natural ventilation for a serene and uplifting experience.

The Aether Concept Car's Revolution in Electric Vehicle Design

Aether, a full-scale electric concept car designed by SCAD students, combines intricate parametric design with advanced additive manufacturing to craft its interior and exterior components. Using tools like Rhino 8, Grasshopper, and Multi-Jet Fusion technology, the team created flexible, resilient structures and intricate lattice patterns.

Gerard Furbershaw: From Industrial Design to Art

Furniture

Gerard Furbershaw's transition from industrial design to art furniture merges precision engineering with artistic expression. Using digital modeling and layered materials to craft unique sculptural pieces, his work redefines furniture as "art you can sit on."

Alejandra Alfaro's CAD to Casting Journey at Milano Jewelry Week

Discover how Alejandra Alfaro's innovative use of CAD and digital fabrication techniques led her to win the prestigious Artistar Jewels Network Award at Milano Jewelry Week 2024. Her striking silver rings, crafted without traditional molds, perfectly blend artistry and technology, pushing the boundaries of modern jewelry design.

Bringing Concepts to Life: Parametric Wall Creations at UDLAP

Students at Universidad de las Américas Puebla drew inspiration from oceanic and solar themes to transform

abstract concepts into striking wall pieces using parametric design.

Optimizing with Grasshopper and DefinitionLibrary: Arup's Solar-Efficient Community

Arup's sustainability team utilized digital tools like Grasshopper and DefinitionLibrary to optimize house placements for a gated community, enhancing passive solar performance and creating a data-driven master plan that balances design preferences with energy efficiency.

Sea N See: Where Parametric Design Meets CNC Craftsmanship

The Sea N Sea project showcases the creative potential of combining parametric design with CNC technology, using Grasshopper and RhinoCAM to transform visual inspiration into a striking, textured panel.

Vintersol: Redefining the Relationship Between Architecture and Nature

Originally designed for the Hello Wood Argentina festival, this installation reimagines architecture's interaction with its environment, blending computational design with a responsive, fluid aesthetic.