

A Pioneer's Journey at the Intersection of Art, Mathematics, and Technology

As we celebrate Rhino's 25th anniversary, we recognize the contributions of Rinus Roelofs, who uses Rhio without preconceived notions of scale, material, or color, allowing for a flexible and practical approach to his projects. His innovative and creative spirit has propelled the software to greatness, exemplifying the endless possibilities when mathematics, art, and technology intersect.

The Melting Bookshelf

A simple bookshelf made using the parametric capabilities of Grasshopper.

Grupo MSH's Innovative Façade: Creating a Harmony of Environment and Aesthetics

Grupo MSH uses solar design principles and computational analysis to optimize energy usage and window placement, balancing daylight and solar heat gain. Their architectural solutions blend functionality and visual appeal, integrating

natural lighting, radiation, transparency, and illumination in a responsive design.

Elevating Surfing to New Heights

Utilizing advanced lithium battery packs and carbon fiber hydrofoils to create a sensation of flying over water, Lift Foils provide an exceptional water experience with powered and non-powered hydrofoil surfboards.

Re-Emerge Pavilion: A Sustainable Triumph of Parametric Design

Architectural Association (AA) Emergent Technologies & Design (EmTech) Post-Graduate Programme teamed up with Hassell in London to create a new pavilion called Re-Emerge in Bedford Square.

Electrifying the Road

Unleashing innovation in Argentina's industrial design course with Rhino-powered electric go-karts

Sfered: Custom Eyewear Meets Grasshopper

Shape Diver interviewed Sybren de Graaf, CEO and founder of Sfered, who created an innovative solution for the eyewear industry using Grasshopper and ShapeDiver's infrastructure.

The Bubble Pavilion

The "Bubble Pavilion" is an experimental pavilion of ephemeral architecture that uses plywood panels as the raw material, inspired by geometric relationships found in spherical soap bubbles of equal radius.

CyBe: 3D Concrete Printing

meets Grasshopper

ShapeDiver talks with CyBe, a Dutch technology company revolutionizing the construction industry with its state-of-the-art 3D concrete printing technology, on how they create affordable housing while reducing the carbon footprint of their projects.