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.

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.

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.

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.