

# 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.

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# 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.

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# Circular Economy in Action:

# The Wood Project

The Wood Project by MANUFACTURA and La Metropolitana uses Rhinoceros and Grasshopper to convert sawdust into 3D-printed architectural elements, demonstrating the potential of computational design in sustainable, circular economy practices.

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## **Voortdurend Bench: A Masterpiece in Houthavenpark Amsterdam**

This installation enhances the park's visual appeal and serves as a functional piece of public art, demonstrating a seamless integration of artistry and engineering.

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## **True North 39 Outboard Express: Catalina Yachts' Modern Classic**

Catalina Yachts has been building boats for 50 years, and the True North 39 provides mariners with unforgettable adventures – it blends sturdy, traditional Downeast design with modern performance and comfort.

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# **An Innovative Exhibition Stand at CES by Simon Vorhammer & Atelier Grande**

An example of innovative thinking and temporary architecture, combining aesthetic appeal with functional brilliance to create an engaging and educational experience for visitors.

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# **Arloize: Turning Wood Scraps into Personalized Clocks**

The Arloize project repurposes wood waste into functional art, empowering makers to create modern yet traditional clocks while promoting environmental sustainability and local craftsmanship.

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# **The Phoresy Pack: A Breakthrough in Ergonomic**

# **Design**

An ergonomic backpack that blends traditional artistry with cutting-edge design technology, redefining backpack innovation while supporting local craftsmanship.

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## **Matteo Bulla's Thesis on Digital Shoe Design**

A thesis project that shows how digital tools can revolutionize footwear design by combining creativity with technical precision to create innovative and sustainable products.

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## **Shellbical Pavilion**

The Shellbical Pavilion emerged as a collaborative endeavor from students enrolled in the Digital Construction Bachelor's program at Lucerne University of Applied Sciences and Arts (HSLU).