



exhibition: "Apertures"
los angeles CALIFORNIA

SCI-Arc is pleased to present "Apertures," a site-specific installation designed by Herwig Baumgartner and Scott Uriu, opening April 11 in the SCI-Arc Gallery.

exhibition: BAUMGARTNER + URIU (B+U), "Apertures" including a discussion with the architects and SCI-Arc Director Eric Owen MOSS.
Friday, 04/11-05/18
7:00 p.m. (opening) / SCI-Arc Gallery
SCI-Arc Campus
960 East 3rd Street
Los Angeles, California 90013

BAUMGARTNER + URIU (B+U)

The exhibition reflects a current architectural discourse of digital ecologies, emphasizing the relationship between the natural world and advances in digital technology, which leads to a new type of interactive, organic buildings. The installation focuses on a symbiotic relationship between nature, building morphologies, and material expression.

Rooted in Baumgartner+Uriu's work and ongoing research, Apertures challenges the notion of an architectural opening as a static object. Moreover, it aims to redefine the DNA of a window both in terms of its appearance and materiality, as well as its nature as an object in continuous flux, responding to its environment through movement or sound.

The pavilion and its apertures are designed to physically engage the visitor with the architectural work through sensors and sound feedback loops, creating an immersive spatial environment in which the visitor can experience their own biorythms.

The 16-foot-tall, thin shell structure was designed to solely rely on its extremely thin surface (1/8") as support, requiring no additional structural elements. Structure and surface are collapsed into a single component supported through its shape, creased surfaces and material strength only. Each one of the 172 panels is unique in terms of its shape. They are CNC milled from polyurethane foam, heat formed out of thermoplastic polymer resin, and then laminated together into a single object.

Unique to this project is the proposal of building as organism, challenging how architecture can interface with its users and its environment in which the boundary between the human body and architectural object dissolves into a immersive, interactive environment. This entails both the use of technology to augment its performance and a design aesthetic that is incongruous and can incorporate analog features into a digital design process.

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Design: Herwig Baumgartner, Scott Uriu.

Exhibition Coordinator B+U: Aaron Ryan.

Exhibition Team B+U: Nema Ashjaee, Viola Ago, Nick Taylor, Derek Ramsey, and Andranik Ognayan.

Structural Consultant: Matthew Melnyk.

Sound: Hannes Koecher, Media Artist, Vienna Austria.

Panel Fabrication: Warner Bros. Entertainment.

SCI-Arc Student Workshop Team: Eduardo Bellota, Kevin Chen, Lord Ceniza, Chuck Diep, Shane Gregorian, Jeff Halstead, Suky Ho, Jessica Hong, Kyungjoo Kim, Dennis Lee, Yu Liu, Ricardo Lledo, Sara Loy, Michelle Lozano, Ryan McGriff, Pierina Merino, Sara Moomsaz, Tony Morey, Sergio Ormachea, Stephen Rafferty, Hemilla Rastegar-Aria, Kirill Ryadchenko, David Sarafyan, Tommy Shao, ReaSohn, Maricarmen Soto, Evelyn Tring, Benjamin Vanmuyesen, Joao Velazquez, Carlos Vargas, and Jacob Zindroski.

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