

MoMA

LUMEN BY JENNY SABIN STUDIO ON VIEW AT MoMA PS1 WINNER OF THE 2017 YOUNG ARCHITECTS PROGRAM

INTERACTIVE KNITTED STRUCTURE PROVIDES SETTING FOR WARM UP SUMMER MUSIC SERIES

***Lumen* by Jenny Sabin Studio**

June 29–September 4, 2017
MoMA PS1 Courtyard

LONG ISLAND CITY, June 19, 2017—*Lumen*, an immersive, interactive installation by Jenny Sabin Studio, is on view in MoMA PS1's courtyard through September 4. Winner of The Museum of Modern Art and MoMA PS1's annual Young Architects Program, this year's structure evolves over the course of the day, with responsive textiles that display subtle color in sunlight and emit glowing light after sundown. *Lumen* serves as the setting for the 20th season of Warm Up, MoMA PS1's pioneering outdoor music series, incorporating a custom lighting program to complement these vibrant, popular events. *Lumen* will remain on view through the summer.

Made of over 1,000,000 yards of digitally knitted and robotically woven fiber, *Lumen* features two large-scale canopies with 1,500 cellular components and 250 hanging tubular structures that create opportunities for visitors to interact with the work. The design incorporates 100 robotically woven recycled spool stools and a misting system that responds to visitors' proximity to produce a refreshing micro-climate. Socially and environmentally responsive, *Lumen's* adaptive architecture is inspired by collective levity, play, and interaction as the structure transforms throughout the day and night, responding to the density of bodies, heat, and sunlight. The result of collaboration across disciplines, *Lumen* applies insights and theories from biology, materials science, mathematics, and engineering—integrating high-performing, formfitting, and adaptive materials into a structure where code, pattern, human interaction, environment, geometry, and matter operate together.

Now in its 18th edition, the Young Architects Program at The Museum of Modern Art and MoMA PS1 has offered emerging architectural talent the opportunity to design and present innovative projects, challenging each year's winners to develop creative designs for a temporary, outdoor installation that provides shade, seating, and water. The architects must also work within guidelines that address environmental issues, including sustainability and recycling.

“The Young Architects Program remains one of the most significant opportunities for architects and designers from across the country and the world to build challenging yet transformative ideas. This year's finalists are no exception; their projects

illustrate a diversity of approaches and refreshing ideas for architecture today,” said Sean Anderson, Associate Curator in MoMA’s Department of Architecture and Design. “Jenny Sabin’s catalytic environment, *Lumen*, captured the jury’s attention for imaginatively merging radical materials with unique spaces. With innovative construction and design processes borne from a critical merging of technology and nature to precise attention to detail at every scale, *Lumen* will no doubt engage visitors from day to night in a series of graduated environments and experiences.”

Klaus Biesenbach, MoMA PS1 Director and MoMA Chief Curator at Large, adds, “Now in its 18th iteration, this annual competition offered jointly by the Architecture and Design Department at MoMA and MoMA PS1 continues to take risks and encourage experimentation among architects. Jenny Sabin’s *Lumen* is a socially and environmentally responsive structure that spans practices and disciplines in its exploratory approach to new materials. Held in tension within the walls of MoMA PS1’s courtyard, *Lumen* turns visitors into participants who interact through its responsiveness to temperature, sunlight, and movement.”

The other finalists for this year’s MoMA PS1 Young Architects Program were Bureau Spectacular (Jimenez Lai and Joanna Grant), Ania Jaworska, Office of III (Sean Canty, Ryan Golenberg, and Stephanie Lin), and SCHAUM/SHIEH (Rosalyne Shieh and Troy Schaum). An exhibition of the five finalists’ proposed projects will be on view at The Museum of Modern Art over the summer, organized by Sean Anderson, Associate Curator, with Arièle Dionne-Krosnick, Curatorial Assistant, Department of Architecture and Design, The Museum of Modern Art.

Bloomberg Philanthropies has supported the Young Architects Program since 2007. In 2016, MoMA PS1 and The Museum of Modern Art were thrilled to announce that this lead sponsorship had been extended for three years, enabling the Young Architects Program to thrive and excite audiences through summer 2018.

SPONSORSHIP

The 2017 Young Architects Program is made possible by Bloomberg Philanthropies.

Additional funding is provided by the Bertha and Isaac Liberman Foundation, Jeffrey and Michèle Klein, and Agnes Gund.

ABOUT JENNY SABIN STUDIO

Jenny Sabin Studio is an architectural design firm that investigates the intersections of architecture and science, biology, and mathematics. The principal, Jenny E. Sabin, is the Arthur L. and Isabel B. Wiesenerger Associate Professor in the area of Design and Emerging Technologies and the newly-appointed Director of Graduate Studies in the Department of Architecture at Cornell University. She is also the Director of the Sabin Design Lab at Cornell AAP, a trans-disciplinary design research lab with specialization in computational design, data visualization and digital fabrication. Sabin’s awards include the AIA Henry Adams first prize medal, the Arthur Spayd

Brooke gold medal, a Pew Fellowship in the Arts, a USA Knight Fellowship in Architecture, the Architectural League Prize for Young Architects, and a national IVY Innovator in design. Sabin has exhibited nationally and internationally including in the 9th ArchiLab at FRAC Centre, Orleans, France and Beauty, the 5th Cooper Hewitt Design Triennial in New York City. Her work is currently on view in *Mutations-Créations / Imprimer le monde* at Centre Pompidou, Paris, France.

PROJECT CREDITS

A project by Jenny Sabin Studio

Jenny E. Sabin, Principal and Lead Architectural Designer

R&D + Digital Fabrication by Sabin Design Lab, Cornell University

Design Team

Jenny E. Sabin, Principal and lead architectural designer

Dillon Pranger, Project lead and manager

Jordan Berta (content coordination), Diego Garcia Blanco, Elie Boutros, Daniel Villegas Cruz, Omar Dairi, Alejandro Garcia, Andres Gutierrez, Jingyang Liu Leo (senior research associate), Mark Lien, Jasmine Liu, Andrew Moorman, Christopher Morse, Bennett Norman, Marwan Omar, Sasson Rafailov, Steve Ren, David Rosenwasser, Danny Salamoun (production lead), Aishwarya Sreenivas, Raksarat Vorasucha

Video: Cole Skaggs

Photography: Yuriy Chernets

Engineering design: Clayton Binkley & Kristen Strobel, Arup

Fabricators and installers: Tom Carruthers, Bo Jacobsson, Erik Grinde, Spencer Whynaucht, Todd Fitcher, Ryan Fitcher, Shannon McElree, Mateo Baca, Jacobsson Carruthers, LLC

Knit fabrication: Tom Shintaku, Shima Seiki WHOLEGARMENT

Lighting design: Juan Pablo Lira and Hilary Manners, Focus Lighting

Sewing and finishing: Wade Wesson & Christine Garcia, Dazian

Misting systems: Sabin Design Lab & Mist Cooling Inc.

YAP INTERNATIONAL

MoMA and MoMA PS1 have partnered with the National Museum of XXI Century Arts (MAXXI) in Rome, Italy; CONSTRUCTO in Santiago, Chile; Istanbul Modern in Istanbul, Turkey (on a biennial cycle); and MMCA in Seoul, Korea, to create international editions of the Young Architects Program.

HISTORY

This year marks the 20th summer that MoMA PS1 has hosted an architectural installation and music series in its outdoor space, though it is only the 18th year of the Young Architects Program, which began in 2000. The inaugural project was an architecturally based 1998 installation by the Austrian artist collective Gelatin. In 1999, Philip Johnson's DJ Pavilion celebrated the historic affiliation of MoMA PS1 and The Museum of Modern Art. The previous winners of the Young Architects Program are SHoP/Sharples Holden Pasquarelli (2000), ROY (2001), William E.

Massie (2002), Tom Wiscombe / EMERGENT (2003), nARCHITECTS (2004), Xefirotarch (2005), OBRA (2006), Ball-Nogues (2007), WORKac (2008), MOS (2009), Solid Objectives – Idenburg Liu (2010), Interboro Partners (2011), HWKN (2012), CODA (2013), The Living (2014), Andrés Jaque / Office for Political Innovation (2015), and Escobedo Soliz Studio (2016).

SELECTION PROCESS

To choose an architectural firm for the 2017 Young Architects Program, a list of esteemed scholars, professionals, and previous winners nominate around 50 firms comprised of recent architectural school graduates, junior faculty, and architects experimenting with new styles or techniques. These finalists are asked to submit portfolios of their work for review by a panel including Glenn D. Lowry, Director of The Museum of Modern Art; Kathy Halbreich, Associate Director at The Museum of Modern Art; Klaus Biesenbach, Director of MoMA PS1 and Chief Curator at Large at the Museum of Modern Art; Peter Reed, Senior Deputy Director for Curatorial Affairs, The Museum of Modern Art; Martino Stierli, Philip Johnson Chief Curator of Architecture and Design at The Museum of Modern Art; Peter Eleey, Chief Curator of MoMA PS1; and Sean Anderson, Associate Curator of Architecture at The Museum of Modern Art.

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For downloadable high-resolution images, register at moma.org/press.
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MoMA PS1 Public Information:

Hours: MoMA PS1 is open from 12:00 to 6:00 p.m., Thursday through Monday. It is closed on Thanksgiving, Christmas, and New Year's Day. artbook@MoMA PS1 is open from 1:00 to 5:30 p.m., Thursday through Sunday.

Admission: \$10 suggested donation; \$5 for students and senior citizens; free for New York City residents*, MoMA members and MoMA admission ticket holders. The MoMA ticket must be presented at MoMA PS1 within 30 days of date on ticket and is not valid during Warm Up or other MoMA PS1 events or benefits.

**Free admission as a Gift to New Yorkers in honor of MoMA PS1's 40th anniversary, made possible by the Anna Maria and Stephen Kellen Foundation. Through October 15, 2017, all residents of New York's five boroughs receive free entrance to all exhibitions during regular museum hours; excluding concerts, fundraisers, and ticketed events. Upon arrival please present proof of New York City residency such as a driver's license, state-issued identification card or a New York City utility bill.*

The Museum of Modern Art Public Information:

The Museum of Modern Art, 11 West 53 Street, New York, NY 10019, (212) 708-9400, moma.org

Hours: Daily, 10:30 a.m.–5:30 p.m., Friday, 10:30 a.m.–8:00 p.m. Summer Hours: open late Thursday–Saturday until 9:00 p.m. (closes at 5:30 on Saturday, July 15) Closed Thanksgiving Day and Christmas Day

Museum Admission: \$25 adults; \$18 seniors, 65 years and over with I.D.; \$14 full-time students with current ID Free, members and children 16 and under. (Includes admittance to Museum galleries and film programs). Tickets can be purchase online at a reduced rate of: \$22.50 adults; \$16 seniors, 65 years and over with ID; \$12 full-time students with current ID Uniqlo Free Friday Nights 4:00–8:00 p.m.

Film Admission: \$12 adults; \$10 seniors, 65 years and over with ID \$8 full-time students with current ID (For admittance to film programs only).