



# innovate: integrate

## Center for Architecture presents exhibition featuring innovative building technologies and new construction techniques

*Finalists of AIANY's curtain wall competition, including debut of winner, "Liquid Wall" will be on view October 6, 2010 – January 15, 2011.*

Press are invited to a press preview from 10am-12pm on Wednesday, October 6 at the **Center for Architecture, 536 LaGuardia Place, NYC 10012**. To RSVP, or for press images, please contact Emily Nemens at 212-358-6126 or [enemens@aiany.org](mailto:enemens@aiany.org)

NEW YORK CITY, September 8, 2010 – This fall, the Center for Architecture opens its first exhibition to focus on building technology. It explores new technology and techniques that are rapidly transforming the built environment in New York and around the globe. These innovations in construction and design will help architects reach the environmental and economic goals needed to make a sustainable built environment for the 21<sup>st</sup> century. *Innovate:Integrate* introduces these advancements to the profession and the public both, through full-scale models, videos, technical drawings, and hands-on samples.

AIANY President Anthony Schirripa, FAIA, IIDA, worked with the Center for Architecture's exhibition team and an advisory committee to develop the exhibition, which explores his presidency's theme: Architect as Leader. "In searching for the right platform for an exhibition on leadership in the industry, my thoughts turned to the building process," explained Anthony Schirripa, FAIA. "I have long been a champion of the strong collaborative relationship between architects and the construction teams that build the projects we design. What better way to celebrate the people who lead that process, than to feature their tools and methodologies? The show explores some of the best of today's innovative design and construction techniques, and the best methods to integrate them into today's—and tomorrow's—building processes."

### **Innovation**

Material advancements, energy harvesting, and daylight optimization are the themes of the "innovation" section of the exhibition. The show will feature the six finalist entries of AIANY's "Open Call for Innovative Curtain-Wall Design." The highest honor was presented to Peter Arbour, Assoc. AIA, and RFR Consulting Engineers for their Liquid Wall; for the exhibition a prototype of the wall

has been constructed and will be installed in the Center for Architecture's double-height front window. The Integrated Concentrating Solar Façade System, by HeliOptix and developed by Center for Architecture Science and Ecology at Rensselaer Polytechnic Institute, won the merit award; a portion of the wall will be installed in the Center for Architecture galleries. The other finalists, all featured in the show, are: the Climate Camouflage, also by CASE; F.A.T. (Fluent Adipose Tectonic), by form-ula; the Self-Shading Curtain Wall at Kuwait University's College of Education by Perkins+Will in joint venture with Dar Al-Handasah; and HelioTrace Façade system, by SOM, Permastellisa, and the Adaptive Building Initiative.

### **Integration**

The "Integration" section of the exhibition takes visitors on a behind-the-scenes tour of project delivery through three related topics: construction technologies, construction management, and construction logistics. By looking at some of the world's most ambitious projects—from supertall construction in Burj Khalifa, to prefabricated projects like the Cellophane House—the exhibition explores the possibilities of parametric design tools and computer controlled fabrication, when used by the world's leading contractors. Alongside images and videos, the exhibition transforms the Center for Architecture's Geothermal Gallery into an interactive BIM (Building Information Modeling) room, where visitors tour Yankee Stadium.

### **Exhibition on View**

The exhibition is on view from October 6, 2010 – January 15, 2011. The Center for Architecture is open Monday- Friday, 9am – 8pm, Saturday 11am – 5 pm, and select Sundays through the fall. A family guide to the exhibition will be available in the galleries and online.

### **Related Public Programs**

#### **Exhibition Opening**

*Wednesday, October 6, 2010, 7:30 – 9pm*

Center for Architecture, 536 LaGuardia Place, New York City, 10012

Admission: Free

#### **The Liquid Wall Prototype: A Case Study in Innovation**

*Tuesday, October 19, 2010, 6 – 8pm*

With Peter Arbour, RFR Consulting Engineers; Dean Alan Balfour, Georgia Institute of Technology (TBC); Robert Del Vento Jr., CoreSlab; Kelly Henry, Lafarge; Frank Sciame, F.J. Sciame Construction Co.

Free to AIANY members, \$10 for nonmembers

#### **Innovation by Necessity, Exhibition Symposium**

*Wednesday, November 17, 2010, 4 – 8pm*

Organized in partnership with Architecture for Humanity, Turner, and HOK

Free to AIANY members, \$10 for nonmembers

#### **FamilyDay@theCenter: Innovate:Integrate**

*Saturday, November 20, 2010, 11am – 4pm*

\$20 for a family of 4; \$5 for each additional guest.

#### **Construction 2010: New Tools for Builders**

*Monday, November 29, 2010, 4pm – 8pm*

Display of new machines and technologies

Free to AIANY members, \$10 for nonmembers

## **Evolution of the Building Industry**

Wednesday, December 1, 2010, 6 – 8pm

Organized in partnership with the New York Building Congress

Free to AIANY members, \$10 for nonmembers

**Exhibition Curator:** Sara Hart

**Exhibition Design:** Urban A&O

Exhibition and related programs are organized by the AIA New York Chapter and the Center for Architecture Foundation, and the *Innovate:Integrate* Advisory Committee.

**Innovate:Integrate** was made possible through the generous support of the following firms, including contributions to the President's inaugural fund.

**Lead Sponsors:** Coreslab Structures; Ductal by Lafarge; F. J. Sciame Construction Co.; Gensler; Georgia Institute of Technology, Digital Fabrication Laboratory; Lutron ; Mancini•Duffy; MechoShade Systems; Oldcastle BuildingEnvelope; Peter Arbour / RFR Consulting Engineers; Permasteelisa North America; Plaza Construction; Structure Tone; Syska Hennessy Group; Turner; Zetlin & De Chiara

**Sponsors:** Francis Cauffman; Polytek; HeliOptix; STUDIOS Architecture; and Trespa North America

**Innovate:Integrate** is organized in conjunction with Architecture Week 2010. Architecture Week is an annual week-long celebration of the best in architecture and design hosted by the Center for Architecture. Programs and events include exhibition openings, Center programming, and presentations by Heritage Ball honorees. This year's Architecture Week will take place October 2 - October 10, 2010. All events will take place at the Center for Architecture, 536 LaGuardia Place between Bleecker and West 3rd Streets, unless otherwise noted. For more information, visit [aiany.org/architectureweek](http://aiany.org/architectureweek).



The Center for Architecture is a destination for all interested in the built environment. It is home to the American Institute of Architects New York Chapter and the Center for Architecture Foundation, vibrant nonprofit organizations that provide resources to both the public and building industry professionals. Through exhibitions, programs, and special events, the Center aims to improve the quality and sustainability of the built environment, foster exchange between the design, construction, and real estate communities, and encourage collaborations across the city and globe. The Center also celebrates New York's vibrant architecture, explores its urban fabric, shares community resources, and provides opportunities for scholarship. As the city's leading cultural institution focusing on architecture, the Center drives positive change through the power of design. For more information, please visit [www.aiany.org](http://www.aiany.org).