

### ASTM International, NEU sign memorandum of understanding

ASTM International and NEU, an ACI Center of Excellence for Carbon-Neutral Concrete, have signed a memorandum of understanding (MOU) aimed at reducing and eliminating the carbon footprint of concrete in the built environment.

The MOU, signed by Lawrence Sutter, NEU board president, and Katharine Morgan, ASTM International president, will allow both organizations to effectively and efficiently collaborate and reduce redundant efforts on issues related to carbon-neutral concrete.

Both ASTM and NEU agreed to collaborate and take action on fostering and supporting technologies that reduce the carbon footprint of concrete and concrete products; developing, promulgating, and advocating for the adoption of consensus-based codes and standards that allow the use of carbon-neutral concrete; identifying and supporting research needed to reduce the carbon footprint of concrete and concrete products; developing and delivering means and methods to validate design methodologies, material technologies, and products that reduce the carbon footprint of concrete design, construction, products, and recycling; and providing technology transfer, professional development, course content, and related resources needed by the design, construction, specifying professionals, and owner representatives to apply sound and proven carbon-reduction technologies.

As part of the MOU, ASTM International became recognized as an allied organization of NEU, allowing for further collaboration within respective standards development processes, facilitating technical standardization dialogue, conducting mutual outreach with key associations, and more.

In addition, both parties will seek to leverage ASTM Xcellerate, an emerging technology program launched earlier this year, to advance NEU's core functions. Potential joint activities could include coordinated funding sources for research and development, aligning technology and standards road maps, and program development.

—Source: ASTM International

### Pankow grant awarded to study assembly live load consistency for buildings

The Charles Pankow Foundation has awarded a new research grant to the University of Colorado Boulder and Ross B. Corotis, principal investigator, for “Assembly Live Load Consistency for Buildings: Gateway to Reducing Embedded Energy.”

Dating back to the 1800s, there have been live load surveys and analyses, particularly of area-dependent loads in office buildings. The project seeks to fill the gap in occupancy loads when it comes to systematic review and consideration of reliability-based scenarios for assembly requirements. The driving rationale for the study is a modern determination of these loads. This research seeks a more consistent, reliable, and economical design load for assembly areas in buildings, enacted first through the American Society of Civil Engineers (ASCE)/Structural Engineering Institute (SEI) 7 standard, *Minimum Design Loads and Associated Criteria for Buildings and Other Structures*, and subsequently by adoption into the *International Building Code* and materials standards.

The MKA Foundation, founded in 2016 by Magnusson Klemencic Associates, and the Portland Cement Association Education Foundation are funding this grant award.

Providing industry insights to the research team are the members of the Industry Advisory Panel are Ron Klemencic of Magnusson Klemencic Associates, Bruce Ellingwood of Colorado State University, Eric Giannini of the Portland Cement Association, Cole Graveen of Raths, Raths & Johnson Inc., Jim Harris of J. R. Harris and Co., John D. Hooper of Magnusson Klemencic Associates, and John Peronto of Thornton Tomasetti.

This work is performed under the research grant award no.06-22.

—Source: Charles Pankow Foundation

## INDUSTRY CALENDAR

Event details are subject to change.

<b>Transportation Research Board 102nd Annual Meeting</b> Washington, D.C.	January 8-12, 2023
<b>World of Concrete</b> Las Vegas Convention Center, Las Vegas, Nev.	January 16-19, 2023
<b>ACI Concrete Convention</b> Hilton San Francisco Union Square, San Francisco, Calif.	April 2-6, 2023
<b>PTI Convention</b> Miami, Fla.	April 28-May 4, 2023
<b>fib Symposium 2023</b> Istanbul, Turkey	June 5-7, 2023
<b>SynerCrete '23</b> Milos Island, Greece	June 15-16, 2023
<b>fib International Symposium on Conceptual Design of Concrete Structures</b> Oslo, Norway	June 29-July 1, 2023
<b>BEI-2023 "Sustainability in Bridge Engineering"</b> Roma Eventi-Fontana di Fontana Trevi, Rome, Italy	July 17-20, 2023
<b>CACRCS 2022</b> Parma, Italy	September 12-15, 2023
<b>PTI 2023 Committee Days</b> Cancun, Mexico	October 3-6, 2023
<b>ACI Concrete Convention</b> Boston Convention Center and Westin Boston Waterfront, Boston, Mass.	October 29- November 2, 2023
<b>ASBI 35th Annual Convention</b> Westin La Paloma Resort and Spa, Tucson, Ariz.	November 5-8, 2023
<b>World of Concrete</b> Las Vegas Convention Center, Las Vegas, Nev.	January 22-25, 2024
<b>ACI Concrete Convention</b> Hyatt Regency New Orleans, New Orleans, La.	March 24-28, 2024
<b>PTI Convention</b> Indianapolis, Ind.	April 14-17, 2024
<b>fib International Conference on Concrete Sustainability</b> Guimarães, Portugal	September 11-13, 2024
<b>PTI 2024 Committee Days</b> Cancun, Mexico	October 1-4, 2024
<b>ASBI 36th Annual Convention</b> Loews Atlanta Hotel, Atlanta, Ga.	October 20-23, 2024
<b>ACI Concrete Convention</b> Marriott Philadelphia Downtown, Philadelphia, Pa.	November 3-7, 2024
<b>fib Symposium 2024</b> Christchurch, New Zealand	November 11-13, 2024
<b>ACI Concrete Convention</b> Sheraton Centre Toronto, Toronto, ON, Canada	March 30-April 3, 2025
<b>PTI Convention</b> Phoenix, Ariz.	May 4-7, 2025