

Journal of Structural Engineering seeks UHPC, high-performance papers

The *Journal of Structural Engineering* invites abstracts and manuscript submissions for a special collection in the journal on reinforced concrete structures with high- and ultra-high-performance materials. The application of advanced materials for more resilient and sustainable reinforced concrete structures has intensified through research and practice in recent years. The main objectives of this special collection are to highlight some of these recent developments, to allow for comparative studies of such advances, and to document future research needs.

The special collection will contribute to the general mission of the *Journal of Structural Engineering* by focusing on fundamental knowledge that advances the state of the art and state of the practice in structural engineering. In general, manuscripts published in the special collection will reflect original research and technological advances on topics that include but are not limited to the behavior, analysis, testing, design, construction, and regulations of new structures as well as the repair, retrofit, and rehabilitation of existing structures using the following:

- high-performance concrete (HPC), with improved properties and constructability compared with conventional concrete
- ultra-high-performance concrete (UHPC), with superior mechanical and durability properties compared with high-performance concrete
- nontraditional cementitious materials
- high-strength reinforcing bars
- nontraditional metallic or nonmetallic reinforcement

Each manuscript submitted to the special collection will go through the standard American Society of Civil Engineers (ASCE) peer-review process as it is received and will be

published online as soon as it is accepted, regardless of the acceptance status of the other manuscripts submitted to the special collection.

Guest editors are Yahya C. Kurama, professor and associate chair in the Department of Civil and Environmental Engineering and Earth Sciences at the University of Notre Dame in Indiana, and Chung-Chan Hung, professor and vice chair in the Department of Civil Engineering at National Cheng Kung University in Tainan City, Taiwan.

Abstracts are due to either guest editor by August 31, 2019, at ykurama@nd.edu or cchung@mail.ncku.edu.tw. Complete manuscripts must be submitted to ASCE through <http://www.editorialmanager.com/jrnsteng/> by January 15, 2020, and should specify that they are being submitted for the special collection on reinforced concrete structures with high- and ultra-high-performance materials.

—Source: ASCE

SEI to hold joint international conference with U.K. group

The Structural Engineering Institute (SEI) of the American Society of Civil Engineers (ASCE) is partnering with the Institution of Structural Engineers in the United Kingdom for its inaugural joint international conference, *Iconic Global Structures: What Can We Learn?*

Keynote speakers will share experiences from three complex building styles: large-volume public occupancy, unusual structures (meaning that typical codes do not apply), and performance-based design of tall buildings. Interactive panel discussions will explore design and construction demands and globally connected solutions.

The conference will be September 29–30, 2019, in Dubai, UAE. For more information, visit <https://structuresdubai2019.cvent.com>.

—Source: ASCE

INDUSTRY CALENDAR

Events

For the most current information on events, visit <http://www.pci.org/events>.

4th International Conference on Structures and Architecture (ICSA2019) Lisbon, Portugal	July 24-26, 2019
ASCE SEI/Institution of Structural Engineers “Iconic Global Structures: What Can We Learn?” Radisson Blu Hotel, Dubai, UAE	September 29-30, 2019
2019 AASHTO Annual Meeting St. Louis, Mo.	October 5-9, 2019
ASCE 2019 Convention Miami, Fla.	October 9-13, 2019
ACI Fall 2019 Convention Duke Energy Convention Center and Hyatt Regency Cincinnati, Cincinnati, Ohio	October 20-24, 2019
31st Annual ASBI Convention Disney’s Contemporary Resort and Disney’s Grand Floridian Resort & Spa, Orlando, Fla.	November 4-6, 2019
Greenbuild Georgia World Congress Center, Atlanta, Ga.	November 20-22, 2019
TRB 99th Annual Meeting Washington, D.C.	January 12-16, 2020
World of Concrete 2020 Las Vegas Convention Center, Las Vegas, Nev.	February 3-7, 2020
ACI Spring 2020 Convention Hyatt Regency O’Hare, Rosemont, Ill.	March 29-April 2, 2020
fib Symposium 2020 Shanghai, China	April 26-30, 2020
2020 PTI Convention Miami, Fla.	May 3-6, 2020
ACI Fall 2020 Convention Raleigh Convention Center & Raleigh Marriott, Raleigh, N.C.	October 25-29, 2020
ACI Spring 2021 Convention Hilton & Marriott Baltimore, Baltimore, Md.	March 28-April 1, 2021
ACI Fall 2021 Convention Hilton Atlanta Downtown, Atlanta, Ga.	October 17-21, 2021
ACI Spring 2022 Convention Caribe Royale Orlando, Orlando, Fla.	March 27-31, 2022
ACI Fall 2022 Convention Hyatt Regency Dallas, Dallas, Tex.	October 23-27, 2022

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