

**Welcome to Monthly Webinar on
Accelerated Bridge Construction**

**Precast Substructure Connection Details
– AASHTO and PCINE Guidance**

Sponsored by

*Accelerated Bridge Construction University Transportation Center
(ABC-UTC) at Florida International University*



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

February 16, 2023 – 1:00 p.m. to 2:15 p.m. Eastern



Today's Monthly Webinar



ABC Announcements

(10 minutes)

Featured Presentation

(35-40 minutes)

Precast Substructure Connection Details – AASHTO and PCINE Guidance

by

Michael P. Culmo, P.E., Chief Bridge Engineer, CHA Consulting, Inc.; and **Rita L. Seraderian, P.E., LEED AP, FPCI**, Executive Director, Precast/Prestressed Concrete Institute Northeast (PCINE)

Question and Answer Session

(15+ minutes)

Please post your questions in the question box

Short video clip capturing highlights of *2022 International ABC Conference* is now available in the archive section of our conference web site. You can use the link below to view this short video clip.

<https://abc-utc.fiu.edu/conference/archives>



The background of the slide is a photograph of a city skyline, likely Miami, Florida, viewed from across a body of water. In the foreground, a white boat is moving across the water, leaving a white wake. The sky is blue with some light clouds. The text is overlaid on this image.

**Next Conference
December 2024 – Miami, FL**

**The next conference will be devoted to
general bridge engineering and will
focus on innovation in bridge
engineering**

Call for Award Nominations

Third International Interactive Symposium on Ultra-High Performance Concrete (UHPC) – Wilmington, DE

2023 UHPC Innovation Awards – Call for Nominations

Eligibility: Structures that employ UHPC materials completed from March 1, 2019 to March 1, 2023

Submission Deadline: March 15, 2023

<https://www.regcytes.extension.iastate.edu/uhpc/innovation-awards/>

Construction / Infrastructure Composites Technology Days

Live Videocast Every Tuesday in March + On Demand Access

- ▶ Earn up to 12 professional development hours (PDH).
- ▶ Learn how composite materials and structures can have a positive impact on your market segment and your business' bottom line through live Q&A opportunities and case studies.
- ▶ Connect with key industry stakeholders through a virtual exhibition hall.
- ▶ Network with speakers and your peers through 1:1 chat and messaging.
- ▶ Access the presentation recordings and other resources for up to one year after the event.



Register Now!
acma.today/c-i-techdays





North American Pultrusion Conference

Downtown Chicago | May 16 – 18, 2023

Advancing Structural Design Using Pultrusion Technology

Hosted by



Why attend?



- Presentations from industry leaders from around the globe
- Important information about today's standards and design specifications
- Forecasts and models on industry trends
- New and innovative applications and technologies
- Guidance on sustainability goals

Register online at acma.today/pultrusion23



Exhibits & sponsorships are available!

Contact John Catapano, ACMA Sr. Manager, Exhibits, Sponsorships, Advertising, to explore all available options.



jcatapano@acmanet.org



703.795.7271

Upcoming Events

ASBI Monthly Webinars for 2023:

- **The Repair of the West Seattle Bridge**
Wednesday, February 22
- **A Primer on Lightweight Concrete for Bridges**
Wednesday, March 22
- **Incremental Launching of Concrete Segmental Bridges**
Wednesday, April 26

1:00 - 2:00 p.m. ET for All Webinars

PDH Certificates Will be Issued to Attendees

2023 ASBI Grouting Certification Training

Monday, April 24

In-Person at the Commons Center, J.J. Pickle Research Campus, Austin, TX

For more information: <https://www.asbi-assoc.org>

Upcoming Events

PTI Certification

Level 1 and Level 2 Multistrand and Grouted Post-Tensioning Specialist Certification Training

March 22-24, 2023

Houston Marriott West Loop by The Galleria

June 7-9, 2023

Embassy Suites by Hilton Miami International Airport

September 13-15, 2023

Embassy Suites by Hilton Scottsdale Resort

For more information: <https://www.post-tensioning.org/certification/fieldpersonnelcertification/2023certificationweeks.aspx>

Upcoming Events

PCI Convention at The Precast Show

February 21 - 25, 2023

Hyatt Regency and Convention Center
Columbus, Ohio

For more information: <https://www.pci.org/convention>

PTI Convention

April 30 - May 3, 2023

JW Marriott Marquis Miami
Miami, Florida

For more information: <https://www.post-tensioning.org>

APRIL 12-14, 2023

WORLD STEEL BRIDGE SYMPOSIUM

CHARLOTTE CONVENTION CENTER | CHARLOTTE, NORTH CAROLINA

incorporated in

 **NASCC:**
THE STEEL CONFERENCE

aisc.org/nascc



Smarter.
Stronger.
Steel.

Quarterly Research Seminar



Friday, April 28, 2023 – 1:00-2:15 p.m. Eastern
(Certificate of Attendance provided)

Featured Project:

Integrated Flood and Socio-Environmental Risk Analysis for Prioritizing ABC Activities

by

**Ali Ebrahimian, Ph.D., Principal Investigator; and Nasim
Mohamadiazar, Ph.D. student
ABC-UTC / Florida International University, Miami**

Registration to open soon at: <https://abc-utc.fiu.edu/>

Next Monthly Webinar

Thursday, March 16, 2023 – 1:00-2:15 p.m. Eastern

(Certificate of Attendance provided)

Featured Presentation:

Incremental (Longitudinal) Launching of Bridges

by

Chiara Rosignoli, P.E., Senior Structural Engineer, H&H

Mark your Calendars!

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