

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

# **Incremental (Longitudinal) Launching of Bridges**

**Sponsored by**

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



**Website: [abc-utc.fiu.edu](http://abc-utc.fiu.edu)**

**Email: [abc@fiu.edu](mailto:abc@fiu.edu)**

**March 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)

## **Incremental (Longitudinal) Launching of Bridges**

by

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

**Question and Answer Session**

(15+ minutes)

**Please post your questions in the question box**

# Innovative Bridge Technologies / Accelerated Bridge Construction University Transportation Center (IBT/ABC-UTC)

## USDOT Tier 1 UTC – Awarded 2023-2029

### Research Priority:

Improving the Durability and Extending the Life of Transportation Infrastructure

**Lead:** Florida International University

### Consortia Members:

Florida A&M University

Texas A&M University

University of Georgia

University of Nevada, Reno

University of Oklahoma

University of Washington





# **Innovative Bridge Technologies / Accelerated Bridge Construction University Transportation Center (IBT/ABC-UTC)**

**USDOT Tier 1 UTC – Awarded 2023-2029**

Activities of the IBT/ABC-UTC will not be limited to ABC, but will also focus on developing and implementing innovative concepts that pertain to all bridges (concrete, steel, wood, FRP, etc.) and all bridge construction types



# Call for Award Nominations

**Third International Interactive Symposium on Ultra-High Performance Concrete (3IISUHPC) – Wilmington, DE**

**2023 UHPC Innovation Awards – Call for Nominations**

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

**Extended Submission Deadline: March 20, 2023**

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

# FHWA EDC-6 Webinar: UHPC Pumping and Spraying (Shotcrete)



Wednesday, March 22, 2023

1:00-2:30pm Eastern

## Speakers:

- Laurent Boiron, Switzerland
- Alain Huynh Tuong, France
- Bill Kulish, United States
- Atorod Azizinamini, United States

To pre-register for this Zoom webinar:

[https://usdot.zoomgov.com/webinar/register/WN\\_qoWcU55HRwqEePgPF9Ad1A](https://usdot.zoomgov.com/webinar/register/WN_qoWcU55HRwqEePgPF9Ad1A)

For more information on EDC-6 UHPC for Bridge Preservation and Repair:

[https://www.fhwa.dot.gov/innovation/everydaycounts/edc\\_6/uhpc\\_bridge\\_preservation.cfm](https://www.fhwa.dot.gov/innovation/everydaycounts/edc_6/uhpc_bridge_preservation.cfm)



**Now Available!**

**TECHNOTE**

**Ultra-High Performance Concrete (UHPC)  
Overlays: An Example of Lifecycle Cost Analysis**



FHWA Publication No.: FHWA-HRT-23-012

Available at:

[https://highways.dot.gov/sites/fhwa.dot.gov/files/FHWA\\_HRT-23-012.pdf](https://highways.dot.gov/sites/fhwa.dot.gov/files/FHWA_HRT-23-012.pdf)

# Call for Presentation Abstracts

## **2023 Western Bridge Engineers' Seminar – Phoenix, AZ**

September 5-8, 2023

Sponsored by FHWA & the Transportation Departments of Alaska, Arizona, California, Idaho, Nevada, Oregon and Washington

### **Call for Presentation Abstracts Deadline: April 11**

- 30-minute presentation session includes 5-minute Q&A period
- Maximum 500-word abstracts
- Anticipated topics include Accelerated Bridge Construction

To submit abstract: <http://www.westernbridge.net>



# 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](https://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](https://acma.today/pultrusion23)



### Exhibits & sponsorships are available!

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

 [jcatapano@acmanet.org](mailto:jcatapano@acmanet.org)

 703.795.7271



# Upcoming Events

## **ASBI Monthly Webinars for 2023:**

- **A Primer on Lightweight Concrete for Bridges**  
Wednesday, March 29
- **Incremental Launching of Concrete Segmental Bridges**  
Wednesday, April 26
- **Electronically Isolated Tendon Pilot Project - SH146 in Kemah, Texas**  
Wednesday, May 24

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

## **PTI Convention**

**April 30 - May 3, 2023**

JW Marriott Marquis Miami

Miami, Florida

For more information: <https://www.post-tensioning.org/events/convention/2023convention.aspx>

APRIL 12-14, 2023

# WORLD STEEL BRIDGE SYMPOSIUM

CHARLOTTE CONVENTION CENTER | CHARLOTTE, NORTH CAROLINA

incorporated in

 **NASCC:**  
THE STEEL CONFERENCE

[aisc.org/nascc](https://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 Accelerated Bridge Rehabilitation 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, April 20, 2023 – 1:00-2:15 p.m. Eastern

**(Certificate of Attendance provided)**

**Featured Presentation:**

## **RIDOT's Glenbridge Avenue Bridge Replacement using Lateral Slide & SPMTs**

by

**John W. Preiss, P.E., PMP**, State Bridge Engineer, Rhode Island Department of Transportation; and **Michael P. Culmo, P.E.**, Chief Bridge Engineer, CHA Consulting, Inc.

**Mark your Calendars!**

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(Certificate of Attendance provided)

**Featured Presentation:**

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by

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

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