

Welcome to Monthly Webinar on Accelerated Bridge Construction

How Contractors Can Help Owners Deliver Better ABC Projects

Sponsored by

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



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

May 13, 2021 – 1:00 p.m. to 2:15 p.m. Eastern



Today's Monthly Webinar



ABC Announcements

(10 minutes)

Featured Presentation

(35 minutes)

How Contractors Can Help Owners Deliver Better ABC Projects

by

Bill Duguay, P.E., President, Duguay Consulting Group, LLC;
Mark Traynowicz, P.E., State Bridge Engineer, Nebraska
Department of Transportation; and **Jack Harney**, Vice
President, D.W. White Construction

Question and Answer

(15+ minutes)

Please post your questions in the question box



**2021 Virtual International
ABC Conference**
(Focus on International Projects)

**2022 International ABC
Conference**
Miami, Florida
(Face-to-Face)

2021 Virtual Accelerated Bridge Construction Conference:
With Emphasis on International Experiences

December 8-10, 2021

Call For Abstracts – Deadline: July 23, 2021



2021 Virtual International ABC Conference

(Focus on International Projects)

December 8-10, 2021

- **Keynote speakers – To date we have keynote speakers from Germany, Switzerland, China and other Far East countries**
- **Exhibitors**
- **Virtual social events and entertainment**
- **Speakers only will be allowed to be in Miami and give their presentations, while all attendees will be using internet**
- **Certificates of attendance**
 - **Each participant will receive a certificate of attendance**
 - **FIU is an official sponsor of continuing education in Florida (FBPE) and in New York State (NYS)**

Co-Sponsoring Organizations

Federal Highway Administration

Alabama Dept. of Transportation
Alaska DOT&PF
Arizona Dept. of Transportation
California Dept. of Transportation
Colorado Dept. of Transportation
Connecticut Dept. of Transportation
Delaware Dept. of Transportation
Florida Dept. of Transportation
Georgia Dept. of Transportation
Illinois Dept. of Transportation
Indiana Dept. of Transportation
Iowa Dept. of Transportation
Louisiana Dept. of Transp. & Dev.
Maine Dept. of Transportation
Michigan Dept. of Transportation
Missouri Dept. of Transportation

Minnesota Dept. of Transportation
Mississippi Dept. of Transportation
Nebraska Dept. of Transportation
Nevada Dept. of Transportation
Oklahoma Dept. of Transportation
Oregon Dept. of Transportation
Pennsylvania Dept. of Transportation
Tennessee Dept. of Transportation
Texas Dept. of Transportation
Utah Dept. of Transportation
Vermont Agency of Transportation
Washington State DOT
West Virginia Dept. of Transportation
Wisconsin Dept. of Transportation
Wyoming Dept. of Transportation

International Co-Sponsors

IABSE (International Association for Bridge and Structural Engineering)

How To Submit Abstract?

(Focus on International Projects)

December 8-10, 2021

Please use link provided on “Conference”
page of ABC-UTC website to submit your
one-page abstract

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

Special Issue of Open Access Material Journal

Deadline: December 2021

**“Ultra High-Performance Concrete (UHPC):
Current and Future Research”**

Guest Editor: Atorod Azizinamini

For more information:

https://www.mdpi.com/journal/materials/special_issues/ultrahigh_performanceconcrete#editors

Call for Abstracts

2022 World Steel Bridge Symposium – Denver, CO

March 23-25, 2022

Sponsored by National Steel Bridge Alliance (NSBA)

<http://www.aisc.org/nsba>

**Submission Deadline: May 28, 2021
5:00 p.m. Eastern**

Photo: Portageville Bridge Replacement (New York) – Photo Credit: John Kucko

Upcoming Events

ASBI Webinars:

US54 Canadian River Bridge Replacement

Wednesday, May 26, 2021

1:00-2:00 p.m. EDT

Lessons Learned From Use of Flexible Filler on Wekiva Parkway Section 6 Design Build Project

Wednesday, June 30, 2021

1:00-2:00 p.m. EDT

PDHs available to attendees

For more information and to register:

<https://asbi-assoc.org/index.cfm/events/MonthlyWebinars>

Upcoming Events

ASBI 33rd Annual Convention

Westin La Paloma Resort and Spa, Tucson, Arizona
November 8-10, 2021

ASBI Construction Practices for Segmental Concrete Bridges Seminar

Marriott Seattle Airport, Seattle, Washington
March 21-22, 2022

For more information:

<https://www.asbi-assoc.org/>

Construction - Infrastructure Composites Technology Days Overview

- Composites Tech Day is an **event** to **educate** engineers, architects, designers, specifiers, contractors and owners on the **value** and **benefits** FRP composites provides to **solve** infrastructure problems.
- **Date:** June 21, 22, 23, 24 (Mon-Thurs)
- **Time:** 12:00 p.m. – 2:45 p.m. Eastern
- 4-themed days, 21 presentations, total of 12.5 PDH
- Brought to you by American Composites Manufacturers Association (ACMA)
- Event link: <https://web.cvent.com/event/255520ba-6647-44a1-b24b-fe65f2377104/summary>

Presentation Grid

Theme	Day 1 (June 21) Composites Applications & Life Cycle	Day 2 (June 22) Transportation & Waterfront Structures		Day 3 (June 23) Building & Industrial Structures		Day 4 (June 24) Sustainability, Resilience, and Design		
Topic	Application Overview	Bridges	Waterfront Protection	New Construction	Repair Construction	Concrete Reinforcement	Utility Structures	
Presentation 1	Composites Overview with ASCE	Vehicular deck	Seawall Sheet Piling	Composites 101 for Architects	Concrete Strengthening Applications	Rebar (vehicular deck)	Poles & Crossarms	
Presentation 2	Infrastructure Report Card and Future World Cities	Bridge Girders / beams	Fender Pile Systems		Concrete Strengthening Details	Rebar (waterfront structures)	Solutions for Hardening Electric Grid	
Topic	Life Cycle Cost	Bridges	Water / Wastewater	New Construction	Concrete Reinforcement	Concrete Reinforcement	Specialty	
Presentation 3	LCCA for FRP Composites in Infrastructure	Pedestrian Bridges	FRP Equipment Applications	Architecture Field Applications	Rebar (precast deck)	Rebar (residential walls)	Heavy Civil / Infrastructure Projects	
Presentation 4	LCCA Thinking	Bonus Panel [End-User] Applying Composites For Bridges (40min)			*Design Instruction* LRFD Design Standard (60min)	Bonus Panel [End-User] Applying Composites To Reinforce and Repair Concrete (40min)		
Day	1	2a	2b	3a	3b	4a	4b	total
PDH	2.0	1.5	1.5	2.0	2.5	1.5	1.5	12.5

Attendee Benefits

Registration is \$79/full program, \$40/government, \$29/1-day, includes:

- **Access to**
 - Full meeting agenda (all days) or one day of programming (Tue, Wed, or Thu) + bonus Monday Composites Applications & Life Cycle sessions
- **Networking within the platform**
 - Direct message with presenters and exhibitors
 - Group chat within specific session and through general chat
- **Live Q&A with presenters during and after the event**
- **Access to platform one week prior to start of the event**
 - Users can review content provided by sponsors and exhibitors
- **Platform stays live for 1-year post-event**
 - Resource, follow-up with suppliers, review presentations
- **Event link:** <https://web.cvent.com/event/255520ba-6647-44a1-b24b-fe65f2377104/summary>



ABC-UTC

Quarterly Research Seminar

Friday, July 30, 2021 – 1:00-2:00 p.m. Eastern

Behavior and Analysis of UHPC in Shear

by

Paolo Calvi, Ph.D., Principal Investigator; and
Danielle Voytko, M.S.C.E. Student

ABC-UTC / University of Washington

Mark your calendars!



ABC-UTC

2021 In-Depth Web Training

Tuesday, September 7, 2021

11:00-3:30 p.m. Eastern (six 40-minute modules)

The Connecticut DOT ABC Program

Organizers:

Timothy Fields, P.E., Connecticut DOT

Michael P. Culmo, P.E., CHA Consulting, Inc.

Mark your calendars!

Next Monthly Webinar



Thursday, June 17, 2021 – 1:00-2:15 p.m. E

Featured Presentation

Bring Your A-GaME to ABC – Adding Project Value Using Newer Geotechnical Tools

by

Derrick Dasenbrock, P.E., Geotechnical Engineer, Resource Center, Federal Highway Administration; and **Benjamin Rivers, P.E.**, Senior Geotechnical Engineer, Resource Center, Federal Highway Administration

Mark your Calendars!

Call for Monthly Webinar Featured Presentation Topics / Speakers

Please email your proposal, including the following:

- Presentation title,
- Speaker name(s), title(s), and affiliation(s)
- 150-or-so word paragraph description

Send your email to Mary Lou Ralls Newman at:

[**ralls-newman@sbcglobal.net**](mailto:ralls-newman@sbcglobal.net)

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