

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

**FDOT Main Street Bridge over
Hogan's Creek Emergency
Replacement Using ABC**

Sponsored by

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

Florida International University



Website: abc-utc.fiu.edu

Email: abc@fiu.edu

January 10, 2019 – 1:00 p.m. to 2:00 p.m. Eastern



Today's Monthly Webinar



ABC Announcements

(10 minutes)

Featured Presentation

(35 minutes)

FDOT Main Street Bridge over Hogan's Creek Emergency Replacement Using ABC

Sam Fallaha, P.E., Assistant State Structures Design Engineer, Florida Department of Transportation; **Robert Woodruff, P.E.**, Design Project Manager, WGI; and **Hal L. Jones III**, Design-Build Project Manager, Hal Jones Contractor

Question and Answer

(15 minutes)

Please post your questions in the question box

ABC-UTC Reception at 2019 TRB Annual Meeting

Tuesday, January 15, 2019

5:30-7:30 p.m.

Walter E. Washington Convention Center

We hope that you will stop by to visit!

www.abc-utc.fiu.edu



2019

INTERNATIONAL ACCELERATED BRIDGE CONSTRUCTION CONFERENCE:

Including Automation, Service Life and Ultra High
Performance Concrete (UHPC)

December 11-13, 2019
Miami, FL

www.abc-utc.fiu.edu

FIU | Engineering
& Computing
Civil and Environmental Engineering



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A night-time photograph of the Miami skyline, showing several illuminated skyscrapers and a bridge in the foreground. The sky is dark blue, and the city lights are bright yellow and white.

CALL FOR ABSTRACTS!

CALL FOR ABSTRACTS!

Submit at:
abc-utc.fiu.edu/conference/call-for-abstracts
Submission Due: January 18, 2019

Abstracts are submitted within one of the conference tracks and topics are available on our website.

Abstract Submission Deadline	January 18, 2019
Abstract Decision Notification	March 15, 2019
Extended Abstract or 10 Page Paper Deadline	September 2, 2019



TRAVEL SCHOLARSHIPS

State DOT, county engineers, and other bridge owners interested in receiving travel scholarships can apply online at:

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

Required information includes (1) name and affiliation, (2) job title, (3) reason attending the Conference, and (4) whether you are planning to use ABC in the near future

Call for Award Nominations

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

Award Categories:

- Most Influential Person Contributing to the Development and Implementation of ABC Technologies and Projects
- Best ABC Project in the following categories:
 - Lateral Slide Technology
 - Self-Propelled Modular Transporters
 - Prefabricated Bridge Elements and Systems
 - Emergency

Judges:

- Ahmad Abu-Hawash, Iowa DOT, Chair
- Romeo Garcia – FHWA
- Sam Fallaha – Florida DOT
- Bruce Johnson – Oregon DOT
- Bijan Khaleghi – Washington State DOT
- William Oliva – Wisconsin DOT

- Submit nomination online
- Submission deadline:
September 15, 2019

Keynote Speakers – General Session

Secretary of Transportation Elaine L. Chao
(Invited)

Congressman Mario Diaz-Balart (Invited)

Keynote Speakers – General Session

European Experiences and Latest Development in Ultra High Performance Concrete (UHPC)



**Dr. Eugen Brühwiler, Swiss Federal Institute of
Technology Lausanne (EPFL), Lausanne, Switzerland**

Keynote Speakers – General Session

Design of Bridges for Service Life and Upcoming AASHTO Guide



**Bruce Johnson, P.E., Oregon State Bridge Engineer
and Vice Chair of AASHTO Committee on Bridges and
Structures**

Keynote Speakers – General Session

AASHTO LRFD Guide Specifications for ABC



**Michael P. Culmo, P.E., Chief Technical Officer,
CME Associates, Inc.**

Keynote Speakers – General Session

Robotics and Automation: International Perspective



Dr. Atorod Azizinamini, Florida International University

Exhibit at 2019 Conference

INTERNATIONAL ACCELERATED BRIDGE CONSTRUCTION CONFERENCE:

Including Automation, Service Life and Ultra High
Performance Concrete (UHPC)



To reserve your exhibit booths:
visit www.ABC-UTC.fiu.edu

Call for Award Nominations

**2019 International Bridge Conference *Call for Awards*
– National Harbor, MD**

June 10-13, 2019

Sponsored by Engineers' Society of Western PA (ESWP)

<http://www.eswp.com/bridge/>

Projects completed between June 2017 and June 2019

Awards Submission Deadline: January 11, 2019

<https://eswp.com/bridge/awards/nomination-form/>

Call for Paper Abstracts

2019 PCI Fall Conference – Rosemont, IL

September 25-28, 2019

Sponsored by Precast/Prestressed Concrete Institute (PCI)

<http://www.pci.org/>

Paper Abstracts Submission Deadline: January 24, 2019

https://pci.org/PCI/News-Events/Call_for_Papers.aspx

For additional information, contact:

William Nickas, P.E., wnickas@pci.org

Call for Abstracts

5th International Orthotropic Bridge Conference – Santa Clara, CA

August 14-16, 2019

Sponsored by Structural Engineering Institute (SEI) of American Society of Civil Engineers (ASCE), San Francisco Chapter in partnership with Santa Clara University and Capital Branch of ASCE Sacramento Section

<http://www.5obc.org/>

Abstracts Submission Deadline: February 1, 2019

<http://www.5obc.org/submit-an-abstract/>

For additional information, contact:

Edward J. Thometz, P.E., Edward.Thometz@5obc.org

Call for Abstracts & Award Nominations

2019 New York City Bridge Conference – NYC, NY

August 26-27, 2019

Sponsored by the Bridge Engineering Association

<http://www.bridgeengineer.org>

Call for Paper Abstracts:

Deadline for submission: February 21, 2019

Email your 300-word-max abstract to:

info@bridgeengineer.org

Call for Bridge Engineering Award Nominations:

Deadline for submission: February 25, 2019

Email nomination letter & nominee's resume to:

Khaled Mahmoud, kmahmoud@bridgeengineer.org

Call for Abstracts

IRF Global R2T Conference – Las Vegas, NV

November 19-22, 2019

Sponsored by International Road Federation (IRF)

<https://www.irf.global/>

Conference tracks include:

Accelerated Bridge Construction

(Note: Paper not required)

Abstract Submission Deadline: March 15, 2019

<https://www.irf.global/event/grc19-lasvegas/#tab-1-2-call-for-abstracts>

Upcoming ABC-Related Activities at TRB Annual Meeting

January 13-17, 2019 – Washington, DC

<http://www.trb.org/AnnualMeeting/AnnualMeeting.aspx>

Workshop 1023: Fiber-Reinforced Polymer Deployment in Bridges

Sunday, 9:00 am – 12:00 pm, January 13, 2019

Sponsored by Structural Fiber Reinforced Polymers, AFF80

Lectern Session 1114: Infrastructure Rehabilitation Using Fiber Reinforced Polymer Composites

Monday, 8:00 – 9:45 am, January 14, 2019

Sponsored by Structural Fiber Reinforced Polymers, AFF80

Meeting: Structural Fiber Reinforced Polymers (AFF80)

Wednesday, 8:00 am – 12:00 noon, January 16, 2019

Upcoming ABC-Related Activities at 2019 TRB Annual Meeting

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

[Home](#) [Research](#) [Education](#) [Webinars](#) [Resources](#) [Conference](#) [Events](#) [News](#)

[← BACK](#)

2019 TRB Annual Meeting – Washington, D.C.

January 13, 2019 – January 17, 2019

N/A

Eastern Standard Time (EST)

The 2019 TRB Annual Meeting will be held January 13-17. [Click here for TRB website.](#)

ABC-UTC Reception - Join Us!

Tuesday, 5:30 – 7:30 pm, Tuesday, January 15, 2019

Location: Walter E. Washington Convention Center

For more information: send email to Ms. Raheel Baksh at rbaksh@fiu.edu

Workshop 1023: Fiber-Reinforced Polymer Deployment in Bridges

Sunday, 9:00 am – 12:00 pm, January 13, 2019

Sponsored by Structural Fiber Reinforced Polymers, AFF80

Workshop 1026: ABC SHRP2 R04 Toolkit

Sunday, 9:00 am – 12:00 pm, January 13, 2019

Sponsored by AFH40; co-sponsored by AFF20, AFF30

Workshop 1069: Latest Innovations in ABC – Quality Assurance, UHPC, and Visualization / 3D Modeling / Virtual Reality

SEARCH

Google Custom Search

UPCOMING EVENTS

January 10, 2019

**Call for Presentations -
Submission Deadline -
ASCE 2019 Convention -
Miami, FL**

January 10, 2019

**FDOT Main Street Bridge
over Hogan's Creek
Emergency Replacement
Using ABC**

January 11, 2019

**Call for Award
Nominations -
Submission Deadline -**



Upcoming Events

ACMA's 2019 Infrastructure Day – Washington, D.C.

February 13-14, 2019

Sponsored by American Composites Manufacturers
Association (ACMA)

<https://acmanet.org/>

Registration at: <https://acmanet.org/infrastructure>

Upcoming Events

TRB 1st International Conference on 3D Printing and Transportation – Washington, D.C.

November 20-21, 2019

Sponsored by Design and Construction Group,
Transportation Research Board (TRB)

<http://www.trb.org/>

Early Bird Registration Deadline: September 8, 2019

<http://www.cvent.com/events/1st-international-conference-on-3d-printing-and-transportation/event-summary-2668ecc14e21461c962dc49841c84aee.aspx>

ABC-UTC

Quarterly Research Seminar

Friday, January 25, 2019 – 1:00-2:00 p.m. Eastern

An Integrated Project to Enterprise-Level Decision Making Framework for Prioritization of Accelerated Bridge Construction

Alice Alipour, Ph.D., P.E., Principal Investigator

Ning Zhang, Ph.D. Student

ABC-UTC / Iowa State University

Register at: <https://abc-utc.fiu.edu/>

Next Monthly Webinar



Thursday, February 21, 2019 – 1:00-2:00 p.m. Eastern

Featured Presentation

Use of Longitudinal Full-Depth Precast Deck Panels on Boston's Commonwealth Avenue Bridge

by

Alexander K. Bardow, P.E., State Bridge Engineer,
Massachusetts Department of Transportation; **Michael P.
Culmo, P.E.**, Chief Technical Officer, CME Associates, Inc.; and
Sterling Morrone, P.E., Project Engineer, CME Associates, Inc.

Please mark your calendars!

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