

**Welcome to Webinar on
Accelerated Bridge Construction**

**Accelerated Bridge Strengthening
Using Ultra-High-Performance
Fiber-Reinforced Concrete**

Sponsored by

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

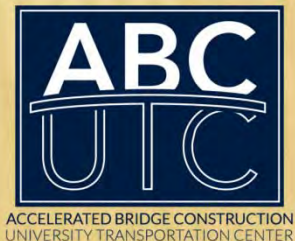
Florida International University



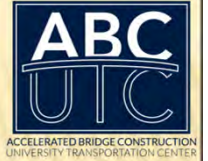
Website: abc-utc.fiu.edu

Email: abc@fiu.edu

December 14, 2017 – 1:00 p.m. to 2:00 p.m. Eastern



Today's Webinar



ABC Announcements

(10 minutes)

Featured Presentation

(35 minutes)

Accelerated Bridge Strengthening Using Ultra-High-Performance Fiber-Reinforced Concrete

Eugen Brühwiler, Ph.D., Professor, Dr Structural Engineer,
Swiss Federal Institute of Technology (EPFL), Lausanne,
Switzerland

Question and Answer

(15 minutes)

Please post your questions in the question box

2017 National ABC Conference

SPONSORED BY
Accelerated Bridge Construction – University Transportation Center (ABC-UTC)
Civil and Environmental Engineering Department at Florida International University
www.abc-utc.com

FIU

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Florida International University
2017-2018 Bridge Construction Conference
1000 NE University Ave., Room 1110
Miami, FL 33199
Phone: 305.351.2000 Fax: 305.351.2000

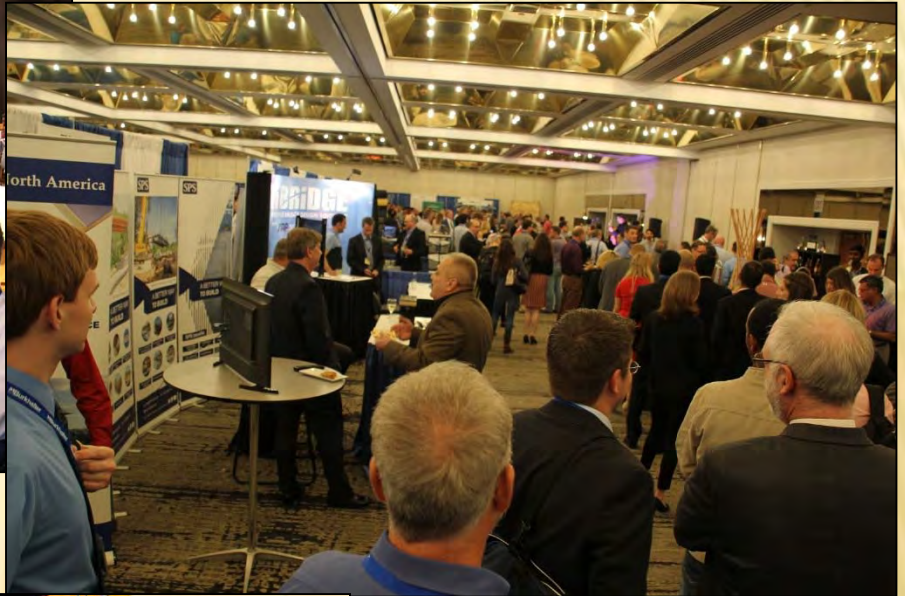
**National Accelerated
Bridge Construction
Conference**

December 7th -8th, 2017
Workshops December 6th
Hyatt Regency Hotel
Miami, Florida

Thank You!

FIU | Engineering
& Computing
FLORIDA INTERNATIONAL UNIVERSITY





What aspects of the Conference were of most value to you?

- Much variety in presentations
- The numerous presentations over many aspects of ABC allowed us to maximize “useful” information
- New ideas that are ready for practical implementation
- Hearing what other states are doing
- The pre-conference workshop
- DOT participation
- Practical application of ABC
- Loved the breakout sessions
- Ability to interact with presenters and knowledge experts informally over three days
- Networking opportunity

2019 International ABC Conference: Including Automation, Service Life and UHPC



December 11-13, 2019

Miami, FL

FIU | Engineering & Computing
FLORIDA INTERNATIONAL UNIVERSITY



Call for Papers

ASCE *Journal of Bridge Engineering* – Special Online Collection of Accelerated Bridge Construction

Sponsored by American Society of Civil Engineers (ASCE)

<https://www.asce.org/>

Note: All papers submitted through this solicitation will undergo the standard journal peer review process. Accepted papers will be published in regular issues of the ASCE Journal as they are accepted and will be added to the special online collection.

Paper Submission Deadline: February 28, 2018

Guest Editor: Dr. Atorod Azizinamini

For questions, contact **Chief Editor:**

Dr. Anil K. Agrawal, jbe.agrawal@gmail.com

Submit papers online:

<https://www.editorialmanager.com/jrnbeeng/>

**Join us for ABC-UTC Reception
at
TRB Annual Meeting**

January 7-11, 2018 – Washington, DC

Date: Tuesday, January 9, 2018

Time: 5:30 – 7:30 p.m.

Location: East Overlook Room
Walter E. Washington Convention Center

For more information:

send email to Ms. Raheel Baksh at rbaksh@fiu.edu

2017 National ABC Conference Archives

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



ACCELERATED BRIDGE CONSTRUCTION
UNIVERSITY TRANSPORTATION CENTER



Home Research Education **Technology Transfer** Resources 2017 ABC Conference Events News

- Technology Transfer
- Monthly Webinar
- Monthly Webinar Archives
- In-Depth Web Training**
- In-Depth Web Training Archives
- Conference Archives**
- Continuing Education Courses
- Project & Research Databases

Conference Archives

[2017 National Accelerated Bridge Construction Conference – Miami, FL](#)

Dec 6 – 8, 2017

[2015 National Accelerated Bridge Construction Conference – Miami, FL](#)

Dec 6 – 8, 2015

Co-sponsored by 30 State DOTs, FHWA, TRB, SHRP2, NCBC, & NSBA.



SEARCH


Google Custom Search

UPCOMING EVENTS

December 12, 2017 –
December 14, 2017
**Re-Scheduled: 2017
CAMX - The
Composites and
Advanced Materials
Expo - Orlando, FL**

December 14, 2017
Accelerated Bridge

2017 National ABC Conference Archives

 [CLICK HERE](#) to download the 2017 conference program. Please contact [Mrs. Mina Saremi](#) (954-895-7728) for more information.

Workshop Programs – December 6, 2017

 Morning: 8:00 a.m. – 12:00 p.m.

W-01: Implementation of new
AASHTO Guide Spec for ABC

W-02: Lightweight Concrete – A
Tool for ABC

W-03: Programmatic Approach to
Accelerated Bridge Construction

W-04: UHPC Connections for Prefabricated Bridge
Elements

W-05: Foundation Re-use for Accelerated Bridge
Construction Projects

Afternoon: 1:00 p.m. – 5:00 p.m.

W-06: Project & Technology Review
of Proven Advanced Technologies

W-07: SPMTs for ABC – Trends,
Challenges & Future Activities

W-08: Today's Precast, Prestressed
Concrete Bridge Design

W-09: Recent Developments in
Steel ABC Applications

W-10: Innovative Designs for Rapid
Renewal, SHRP2 R04 ABC Toolkit

W-11: Accelerated Bridge
Construction in Seismic Regions

Call for Presentations

ASCE 2018 Convention – Denver, CO

October 12-15, 2018

Sponsored by American Society of Civil Engineers (ASCE)

<http://2018.asceconvention.org/call-presentations/>

Invited Topic Areas / Sub-topics include:

- Multidisciplinary Technical / Infrastructure
- Significant Projects / intended to cover mega projects and multidisciplinary views on the feasibility, planning, design, construction, costs, public process, value, innovation, environmental, sustainability, and resiliency of the project discussed

Call for Presentations Deadline: January 11, 2018

Calls for Award Nominations

**35th Annual International Bridge Conference
– National Harbor, MD**

June 11-14, 2018

Sponsored by Engineers' Society of Western PA (ESWP)

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

Suggested topics include Accelerated Bridge Construction

Call for Awards: Due January 12, 2018

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

Call for Abstracts

IRF Global Road Conference – Las Vegas, NV

November 7-9, 2018

Sponsored by International Road Federation (IRF)

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

Conference tracks include:

4. Structural Design

4.3 New Technologies in Accelerated Bridge Construction

Abstract Submission Deadline: March 15, 2018

<https://www.irf.global/event/grc18-lasvegas/>

Upcoming ABC-Related Activities at TRB Annual Meeting

January 7-11, 2018 – Washington, DC

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

Lectern Session 211: Innovations in Connections and Retrofitting Strategies for ABC

Monday, 8:00 – 9:45 am, January 8, 2018

*Sponsored by TRB Structures Section and Construction Section;
co-sponsored by ABC Joint Subcommittee, AFF10, AFF30, AFF50, AFH50*

Lectern Session 750: Longitudinal Deck-Level Connections for ABC

Wednesday, 8:00 – 9:45 am, January 10, 2018

*Sponsored by TRB Structures Section and Construction Section;
co-sponsored by ABC Joint Subcommittee, AFF10, AFF30, AFF50, AFH40*

Upcoming ABC-Related Activities at TRB Annual Meeting

January 7-11, 2018 – Washington, DC

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

Meeting: Accelerated Bridge Construction Joint Subcommittee, AFF00(2)

Tuesday, January 9, 3:45 – 5:30 pm

Sponsored by Structures Section (AFF00) and Construction Section (AFH00)

Meeting: Structures Collaboration Subcommittee, AFF00(1)

Tuesday, January 9, 1:30 – 3:15 pm

Sponsored by Structures Section (AFF00)

ABC-UTC

Quarterly Research Seminar

Friday, January 26, 2018 – 1:00-2:00 pm Eastern

**Material Design and Structural
Configuration of Link Slabs for ABC
Applications**

ABC-UTC / Iowa State University

Online Registration to open soon at:

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

Next Webinar

Thursday, January 18, 2018 (1:00 – 2:00 p.m. Eastern)

Featured Presentation

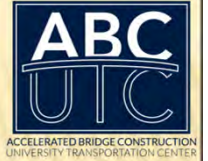
Designer Perspective on Tackling ABC Projects – Spotlight on SHRP2 R04 Gila River Project

by

Pamela Hutton, P.E., SHRP2 Implementation Manager,
AASHTO; **Mark Chase, P.E.**, Senior Vice President, AZTEC
Engineering Group, Inc.

To register, visit: www.abc-utc.fiu.edu

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Eugen Brühwiler, Ph.D., Professor, Dr Structural Engineer,
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