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.
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
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/)

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.

2015 National ABC Conference Highlights Video
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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