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American Society of Civil Engineers

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## Lunchtime Transportation Webinar Series

# 21st Century Bridge Evaluation: New Technologies and Solutions

**Ehsan Minaie, PhD, PE**  
**Nathaniel Dubbs, PhD, PE**  
**David Lattanzi, PhD, PE**

### With Local Guest Speakers

**Reed Brockman, PE, Associate Vice President, AECOM**  
**John Carney, PE, Project Manager, HNTB**  
**Bill Doherty, PE, Senior Supervising Structural Engineer, WSP**  
**Scott Dowling, PE, Project Manager, TranSystems Corporation**  
**Darren Hardy, PLS, Director of Survey Services, WSP**  
**John Ings, PE, Vice President, Meridian Associates**  
**Peter Keeping, PE, Assistant Vice President, HAKS Engineers**

**Date: Wednesday, July 11, 2018**

**MassDOT Mezzanine Conference Room, 10 Park Plaza, Boston, MA**

**12:00 PM - 1:30 PM Presentation (60-minute webinar; 30-minute Guest speakers) & Brown-Bag Lunch**

This presentation will cover traditional load rating methods, application of finite element modeling in load rating of bridges, instrumentation and load testing of bridges, other applications of sensing and simulation in assessing bridge structures such as structural health monitoring of existing bridges, and application of robotic systems, data analytics, and other autonomous or semi- autonomous technologies in bridge condition assessment. Official ASCE course description found here: [21st Century Bridge Evaluation: New Technologies and Solutions](#)

**Registration Deadline: Friday, July 6, 2018**

**Registration Fees - Members \$25, Non-Members \$30, Students \$5**

### Information/Registration:

Register to attend this meeting and pay by credit card online at <http://bit.ly/2tcNQs2>. To register online for an event at the BSCES member rate you must login using your BSCES assigned username and password. If you do not know your BSCES member login information call 617/227-5551. You can also register for this event by mail or email. To do so, download and complete a [BSCES Event Registration Form](#) and follow the submission instructions. Cancellations received after July 6 and no-shows will be billed.



This presentation provides one Professional Development Hours (PDH)

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