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## Seismic and Construction-Induced Vibrations: State of the Art and Practice One-Day Seminar

### Featuring:

#### Laurie Baise, PhD

*Professor and Chair, Department of Civil and Environmental Engineering, Tufts University*

#### John Christian, PE, PhD

*Consulting Engineer and Owner, John T. Christian Consulting Engineers*

#### Ken Kniss, PE

*Engineer, Hayward Baker, Inc.*

#### Jean Louis Locsin, PE, PhD

*Senior Engineer, Haley & Aldrich, Inc.*

#### David Sykora, PE, PhD, D.GE

*Principal Engineer, Exponent, Inc.*

#### Matthew Tibbutt

*Senior Project Manager, Geocomp Corporation*

**Saturday, January 27, 2018**

**Tufts University, Medford, MA**

**Registration and Meals: Science & Engineering Complex, 200 College Ave, Medford, MA**

**Seminar: Robinson Hall, Room 253, 212 College Ave, Medford, MA**

**8:00AM – 4:30PM, schedule of events on following page.**

**Registration Deadline: Thursday, January 18, 2018**

**\$150 Members, \$175 Non-Members**

**\$100 Public Sector Members, \$125 Public Sector Non-Members**

**\$50 Senior and Student Members**

**\*Breakfast, lunch, and refreshments included in registration fee.**

### Registration Information:

Register to attend this meeting and pay by credit card online at <http://bit.ly/GIOneDaySeminar>.

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 Thursday, January 18, 2018 and no-shows will be billed.



This presentation provides 6 Professional Development Hours (PDH). New York PDHs are being sought.

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# Seismic and Construction-Induced Vibrations: State of the Art and Practice One-Day Seminar

**Saturday, January 27, 2018**  
**Tufts University, Medford, MA**

## Schedule of Events:

- |                           |  |
|---------------------------|--|
| <b>8:00 AM – 8:30 AM</b>  | <b>Registration &amp; Breakfast</b>  |
| <b>8:30 AM – 8:35 AM</b>  | <b>Opening Remarks</b>   |
| <b>8:35 AM – 12:00 PM</b> | <b>Morning Sessions</b>  |
|                           | <ul style="list-style-type: none"> <li>• Seismic 101<br/><i>Laurie Baise, PhD, Tufts University</i></li> <li>• Seismic Design of Buildings, Geotechnical Aspects<br/><i>Jean Louis Locsin, PhD, PE, Haley &amp; Aldrich, Inc.</i></li> <li>• State of the Art and Practice in Earthquake Induced Soil Liquefaction Assessment, NAE updates<br/><i>John Christian, PE, PhD, John T. Christian Consulting Engineers</i></li> </ul> |
| <b>12:00 PM – 1:00 PM</b> | <b>Lunch</b>   |
| <b>1:00 PM – 4:30 PM</b>  | <b>Afternoon Sessions</b>  |
|                           | <ul style="list-style-type: none"> <li>• Ground Improvement for Liquefaction Mitigation<br/><i>Ken Kniss, PE, Hayward Baker, Inc.</i></li> <li>• Principles of Construction Vibrations<br/><i>David Sykora, PE, PhD, D.GE, Exponent, Inc.</i></li> <li>• Geotechnical Instrumentation<br/><i>Matthew Tibbutt, Geocomp Corporation</i></li> </ul>   |
| <b>4:30 PM – 4:35 PM</b>  | <b>Closing Remarks</b>   |



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