2015 EERI Technical Seminar Series

Update on Vulnerable Concrete Buildings: What You Need to Know and Where Should We Go from Here?

A technical seminar series supported by FEMA Department of Homeland Security

SEMINAR PROGRAM (8:30 a.m. – 5:00 p.m.)

Speakers listed worked on presentation development; only one speaker will present on each topic at each venue.

History and Update on the Concrete Coalition
Craig Comartin, *CDComartin, Inc.*
Russell Berkowitz, *Forell / Elsesser*

Lessons from Recent Earthquakes and the NEES Grand Challenge
Jack Moehle, *UC Berkeley*

ATC 78 (Identification and Mitigation of Nonductile Concrete Buildings) Update
William Holmes, *Rutherford + Chekene*

Upcoming Changes to ASCE 41 and ACI 369
Wassim Ghannoum, *University of Texas at Austin*

Examples of Current Concrete Seismic Retrofitting Techniques
Bret Lizundia, *Rutherford + Chekene*

City Updates
Patrick Otellini, *City and County of San Francisco*
Concrete Coalition, *Seattle*

Round Table Discussion—What will it take to make real progress in reducing the risk?
Panelists and Audience

What's next for the EERI Concrete Coalition?
Craig Comartin, *CDComartin, Inc.*
Russell Berkowitz, *Forell / Elsesser*

Open Discussion

DATES AND LOCATIONS

Thursday, October 29:	San Francisco, CA
Tuesday, November 3:	Seattle, WA
Spring 2016 (TBA):	Los Angeles, CA

Who Should Attend

Structural engineers, researchers, building and government officials, students, architects, and urban planners. Attendees will receive 7.25 PDHs.

The Earthquake Engineering Research Institute (EERI) invites practicing structural engineers and researchers, building and government officials, students, architects, and urban planners to the 2015 Technical Seminar Series, **Update on Vulnerable Concrete Buildings: What You Need to Know and Where Should We Go from Here?**

Numerous earthquakes around the world have demonstrated that concrete buildings constructed before the implementation of modern building code provisions are among the most vulnerable to serious damage and even collapse. This seminar will update the EERI community on the status of ongoing efforts to reduce the risk posed by these buildings and provide insight and appropriate actions to take. Sessions will cover:

- Efforts to improve our ability to identify the most vulnerable buildings through laboratory and field research activities by EERI, NEES, ATC, and others.
- Updates to the processes and documents used to evaluate the risks posed by these buildings; recent and upcoming code and guideline changes; retrofit designs, and retrofit techniques.
- Ongoing community level efforts to reduce hazards through inventory development, public education, policy and legislation.

The seminar will conclude with interactive sessions between the presenters and seminar attendees to discuss the implications of these efforts and how the EERI community can continue to engage and impact the reduction of risk posed by this inventory of buildings.

Co-sponsors

American Society of Civil Engineers Metropolitan Los Angeles Branch (ASCE MLAB)
EERI Regional Chapters of Northern California
EERI Regional Chapter of Southern California
EERI Regional Chapter of Washington State
Pacific Earthquake Engineering Research Center (PEER)
Structural Engineers Association of Northern California (SEAONC)
Structural Engineers Association of Washington (SEAW)

Register online or download a registration form for the **2015 EERI Technical Seminar Series** at *https://eeri.org/cohost/registration/tech-seminar-2015*

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