



February 22 and 23, 2018
Sacramento Convention Center, Room 202
Sacramento, California

AGENDA

The 2018 Forum looks at technology and the role it plays in supporting CEA's mission to provide all Californians **The Strength to Rebuild®** by mitigating their earthquake risk through affordable earthquake insurance as well as options and financial assistance for retrofitting single-family woodframe houses.

Day 1: Thursday, February 22

7:30 a.m. **Registration and Continental Breakfast**

8:00 a.m. **Welcome** Glenn Pomeroy, CEO

8:30 a.m. **Innovation in Earthquake Risk Assessment:** Janiele Maffei,
Research Director
How technology is changing the industry

9:00 a.m. **Role and Practical Application of Technology in Assessing Expected Performance of Houses**

How do we promote, and to whom do we promote, existing tools and services for assessing and grading a building's performance in an earthquake?

Moderator: John Osteraas, Ph.D.

- Curt Haselton, Seismic Performance Prediction Program (SP3)
- Evan Reis, United States Resiliency Council
- Janiele Maffei, QuakeGrade®
- Skip Walker, Walker Property Evaluation Services

10:00 a.m. **BREAK**

10:30 a.m. **Role of Technology in Collecting and Estimating Ground Motion and Structural Response Data**

How is technology useful in measuring ground motion and building performance relevant to earthquake insurance providers and policyholders?

Moderator: Janiele Maffei, California Earthquake Authority

- Richard Allen, UC Berkeley Seismological Laboratory/My Shake
- Biondo Biondi, Stanford University
- Battalgazi Yildirim, Zizmos
- Monica Kohler, CalTech
- Andy Thompson, Safehub
- Yousef Bozorgnia, Pacific Earthquake Engineering Research Center

12:00 p.m. **LUNCH**

1:30 p.m. **Role of Technology in Developing Resources for Improving Structural Deficiencies**

How is technology used in developing tools to improve structural deficiencies in detached single-family, woodframe houses? (A look at ATC 110)

Moderator: Jon Heintz, Applied Technology Council

- Kelly Cobeen, Wiss, Janney & Elstner Associates, Inc.
- Vikki Bourcier, Hobach-Lewin
- Andre Filiatrault, University of Buffalo, New York

ASSESSMENT

HAZARD

DAMAGE



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LOSS

3:00 p.m. **BREAK**

3:30 p.m. **Role of Technology in Post Event Damage Characterization**
How can technology be used in post-event damage characterization?

Moderator: Shawna Ackerman, California Earthquake Authority

- Dan Dyce, Earthquake Claim Handling Consultant
- David Cocke, Structural Focus
- David Bonowitz, Structural Consultant
- Mitch Ziemer, California Earthquake Authority

4:45 p.m. **Daily Wrap Up and Summary**

Janiele Maffei

Day 2: Friday, February 23

7:30 a.m. **Registration and Buffet Breakfast**

8:00 a.m. **Welcome and Overview of Day Agenda**

Janiele Maffei, CMO

8:15 a.m. **Role of Technology in Experiential Communication and Education**

Panel Discussion

How can technology be used to create immersive and interactive tools that will drive consumers to action?

Moderator: Chris Nance, California Earthquake Authority

- Peter Herrick, Jr. - FEMA – IMMERSED VR Experience
- Sharyl Rabinovici, Ph.D.
- Dennis Miletì, Ph.D.

The FEMA IMMERSED VR Experience will be available in the back of the conference room, and available to forum attendees prior to the forum start both days, as well as during breaks and lunch.

9:45 a.m. **BREAK**

10:00 a.m. **Round Table: Making New Technology Applicable and Practical in the Real World**

11:30 a.m. **Round Table Reports**

12:30 p.m. **Summary and Wrap Up of CEA 2018 Research Forum**

1:00 p.m. **Forum Conclusion (Box Lunch)**

CEA has invited the voluntary participation of various businesses and individuals in order to enrich all attendees' CEA Research Forum experience. Such invited participation does not imply endorsement by the CEA of the product or service of any participant.