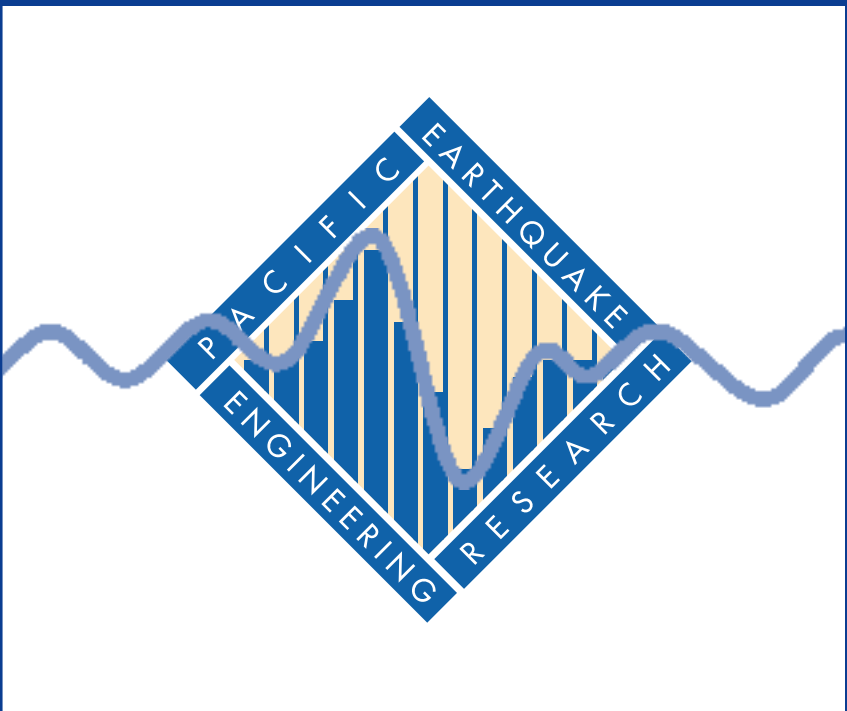


2001

PEER

ANNUAL MEETING



JANUARY 25-26, 2001
OAKLAND MARRIOTT CITY CENTER

Pacific Earthquake Engineering Research Center (PEER)
1301 S. 46th Street
Richmond, CA 94804-4698



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REGISTRATION FORM

Registration to the meeting is free for all participants who register prior to **January 15, 2001**.
You may register online via the PEER website at: <http://peer.berkeley.edu>, or by mailing or faxing this form to:
PEER, 1301 S. 46th Street, Richmond, CA 94804-4698; Fax: 510-231-9471

Name _____ Title _____

Affiliation/Organization _____ Department _____

Mailing Address _____ Mail Stop/PO Box # _____

City, State, Zip _____ Country _____

Telephone # _____ Fax # _____

Email Address _____



THURSDAY, JANUARY 25, 2001

FRIDAY JANUARY 26, 2001

Join the Pacific Earthquake Engineering Research (PEER) Center for the **2001 PEER Annual Meeting** on January 25-26, 2001 in Oakland. Organized into coordinated plenary and poster sessions, the Annual Meeting will showcase the latest results from PEER's research program on Performance-Based Earthquake Engineering. The Annual Meeting will cover seismic hazard, ground motions, ground failure, seismic design methods, lifeline systems, component behavior, and advanced seismic simulation using the new PEER computer platform. In addition to learning about the cutting-edge research, the 2001 PEER Annual Meeting is a valuable opportunity for active exchange of ideas that will help advance the PEER program as well as an opportunity to interact with all the faculty and students working in the program.

This year's venue for the Annual Meeting is the Oakland Marriott City Center Hotel, 1001 Broadway, Oakland, CA. Rooms are available at a reduced rate of \$175/night by phoning the hotel at: 800-228-9290 or 510-451-4000. Identify yourself as an attendee to the PEER Annual Meeting to receive the discounted rate.

Registration to the meeting is free for all participants who register prior to **January 15, 2001**. You may register by either completing the attached registration form and mailing or faxing it to 510-231-9471, or you may register online at the PEER website:

<http://peer.berkeley.edu>

8:00	Registration (with Continental Breakfast)
9:00 – 10:20	Plenary Session #1
9:00	<i>Welcome/PEER Overview</i> Jack Moehle, UC Berkeley
9:20	<i>Seismic Performance Assessment Analysis and Its Uses</i> C. Allin Cornell, Stanford University
9:40	<i>Performance-Based Earthquake Engineering Needs</i> William Holmes, Rutherford & Chekene
10:00	<i>Socio-Economic Decision Making</i> Peter May, University of Washington
10:20 – 11:30	Poster Session #1
11:30 – 12:30	Plenary Session #2
11:30	<i>Ground Motion Evaluation Procedures</i> Jon Stewart, UCLA
11:50	<i>Seismic Hazard Simulation and Prediction</i> Paul Somerville, URS Corporation
12:10	<i>Seismic Demands and their Dependence on Ground Motions</i> Helmut Krawinkler, Stanford University
12:30 – 1:30	Lunch
1:30 – 2:50	Plenary Session #3
1:30	<i>Ground Deformation and Lateral Spreading</i> Steven Kramer, University of Washington
1:50	<i>Building Component Characterization</i> Dawn Lehman, University of Washington
2:10	<i>Bridge Component Characterization</i> Stephen Mahin, UC Berkeley
2:30	<i>Electrical and Gas System Component Characterization</i> André Filiatrault, UC San Diego
2:50 – 4:00	Poster Session #2
4:00 – 5:20	Plenary Session #4
4:00	<i>Economic Evaluation of Earthquake Performance Standards</i> Richard Zerbe, University of Washington
4:20	<i>Regional Economic Evaluation of PBEE</i> Peter Gordon, University of Southern California
4:40	<i>Building Loss Assessment Methodology</i> Mary Comerio, UC Berkeley
5:00	<i>Highway Risk Model</i> James Moore II, University of Southern California

8:00	Continental Breakfast
8:30 – 9:50	Plenary Session #5
8:30	<i>OpenSees Framework for Seismic Simulation</i> Gregory Fenves, UC Berkeley
8:50	<i>Soil Simulation Models</i> Ahmed Elgamal, UC San Diego
9:10	<i>Soil-Structure Interaction Simulation Models</i> Juan Pestana, UC Berkeley
9:30	<i>Structural Simulation Models</i> Filip Filippou, UC Berkeley
9:50 – 11:00	Poster Session #3
11:00 – 12:30	Plenary Session #6
11:00	<i>PBEE Needs - Seismic Hazard Perspective</i> Norman Abrahamson, Pacific Gas & Electric Company
11:15	<i>PBEE Needs - Buildings Perspective</i> Craig Comartin, Comartin-Reis
11:30	<i>PBEE Needs - Bridges Perspective</i> Tom Post/Cliff Roblee, California Dept. of Transportation
11:45	<i>PBEE Needs - Utility Lifelines Perspective</i> William Savage, Pacific Gas & Electric Company
12:00	<i>Closure and Discussion</i> Greg Deierlein, Stanford University
12:30 – 1:30	Lunch
1:30 – 5:00	Thrust Area Meetings
	<i>Discussion topics within each thrust area: research coordination, review synthesis reports, annual report and site visit preparation</i>
3:00 – 3:30	Break
3:30 – 5:00	Thrust Area Meetings (continued)
5:00	Adjourn

