## ATC-17-2 SEMINAR REGISTRATION FORM: LOS ANGELES, CALIFORNIA

NAME(S) _____

ORGANIZATION _____

ADDRESS _____

CITY/STATE/ZIP CODE _____

BUSINESS PHONE _____ FAX NUMBER _____

**Handout:** ❑ Bound volume of Proceedings **or:** ❑ Bound volume of Abstracts with CD-ROM containing all seminar papers

**Seminar Registration Fee:** $215 per registrant ($172 for ATC Subscribers) $ _____

❑ **Please enroll me as an ATC Subscriber** ($25 per year, individual rate) $ _____

**Late Registration Fee:** add $25 per registrant (if postmarked or faxed after May 23, 2002) $ _____

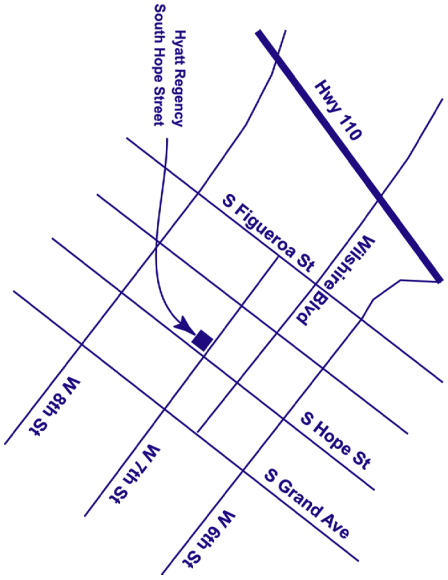
**TOTAL ENCLOSED** $ _____

Payment may be made by check or credit card (MasterCard or VISA). If paying by credit card, please provide the following information: ❑ MasterCard ❑ VISA # _____ Exp: ____/____

Cardholder's Signature _____

Checks should be made payable to ATC. Please mail or fax your completed form with the appropriate payment to:
**Applied Technology Council, 555 Twin Dolphin Dr., Suite 550, Redwood City, CA 94065 FAX: 650/593-2320**

**Seminar Location**
Hyatt Regency Los Angeles
711 South Hope Street
Los Angeles, California 90017
213/683-1234



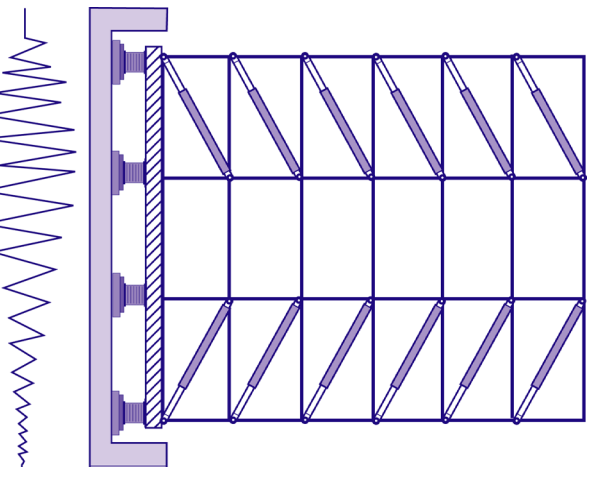

**Parking.** Covered parking is available at the Hyatt Regency for $8 per day for self-parking or for $12 per day for valet parking. Hotel guests can park overnight for $20 per day.

**Hotel Reservations.** A block of guest rooms has been reserved at the special negotiated rate of $135 single or double occupancy until *May 8, 2002*. After this date, the ATC seminar rate cannot be guaranteed. Reservations for accommodations can be made by contacting the hotel directly at 213/683-1234 and identifying yourself as an attendee at the Applied Technology Council seminar.

**Vendor Exhibits.** An exhibition space is planned and exhibits are encouraged. Limited space will be made available for exhibits by vendors. Contact Bernadette Mosby (650/595-1542) for fee schedule and instructions, or see ATC web site for details.

**Steering Committee.** G. C. Lee (Co-Chair), MCEER/University at Buffalo; C. Rojahn (Co-Chair), ATC; I. G. Buckle, University of Nevada, Reno; M. Constantinou, University at Buffalo; H. Ghasemi, Federal Highway Administration; H. K. Miyamoto, Marr Shaffer & Miyamoto, Inc.; L. D. Reaveley, University of Utah; A. M. Reinhorn, University at Buffalo; T. T. Soong, University at Buffalo; B. F. Spencer Jr., University of Notre Dame; A. W. Taylor, KPFF Consulting Engineers

# ATC-17-2 SEMINAR ON RESPONSE MODIFICATION TECHNOLOGIES FOR PERFORMANCE-BASED SEISMIC DESIGN



Sponsored by the
**Applied Technology Council**
and the
**Multidisciplinary Center for Earthquake Engineering Research**

**May 30-31, 2002**
**Hyatt Regency Los Angeles**

*2nd Announcement: Program and Registration Information*

# ATC-17-2 SEMINAR ON RESPONSE MODIFICATION TECHNOLOGIES FOR PERFORMANCE-BASED SEISMIC DESIGN

**Los Angeles, California ◆ May 30-31, 2002**

**The Purpose of the Seminar** is to present a comprehensive picture of the state of practice and current research on response modification technologies for performance-based seismic design, including future directions. The seminar will focus on seismic isolation, energy dissipation, active and semi-active control systems, and the use of new materials in structural response modification.

**Seminar Program**. The two-day seminar program has been developed for design professionals, regulators, researchers, manufacturers, contractors, owners, and facility managers. The program will include approximately 50 papers on the following topics:

- case studies of current and future applications describing project information and important issues,
- new structural analysis and design methods,
- new developments in devices and systems, and
- emerging technical, policy, and code issues, including barriers to implementation.

The seminar program will include both verbal presentations and a poster session. All sessions will be plenary.

## Sponsoring Organizations

APPLIED TECHNOLOGY COUNCIL
555 Twin Dolphin Drive, Suite 550
Redwood City, California 94065
Phone: 650/595-1542
Fax: 650/593-2320
Web site: www.atcouncil.org


MULTIDISCIPLINARY CENTER FOR EARTHQUAKE ENGINEERING RESEARCH
State University of New York
Red Jacket Quadrangle
Buffalo, New York 14261
Phone: 716/645-3391
Web site: mceer.buffalo.edu


## Financial Sponsor

NATIONAL SCIENCE FOUNDATION
4201 Wilson Boulevard
Arlington, Virginia 22230

**Seminar Proceedings.** Papers presented at the seminar will be published in the Seminar Proceedings, which will be available at the start of the seminar. The proceedings will be offered to seminar participants in two different formats: (1) a spiral-bound volume containing all papers, or (2) an abstract volume with a CD-ROM containing all papers. Participants are requested to specify the desired format (one format only) when registering.

**Field Trip.** The Seminar Steering Committee has arranged a field trip to three local building sites to observe seismic isolation systems being installed, or already installed. The field trip will take place Saturday, June 1, from 9:00 a.m. to 4:00 p.m. Space is available on a first-come, first-serve basis.

For detailed field trip information, including cost and sign-up forms, visit ATC's web site: **www.atcouncil.org**

**Registration Information.** The registration fee is $215 ($172 for ATC Subscribers) and includes a copy of the Seminar Proceedings (either in report form, or as an abstract volume with a CD-ROM containing all technical papers), lunches, coffee breaks, and poster session. A late fee of $25 will be imposed on paid registrations postmarked or faxed after May 23, 2002. Persons interested in registering should complete, detach, and submit the Registration Form to ATC.

**Seminar Cancellation Policy.** Registrations cancelled one month before the seminar will be fully refunded. Cancellations between one month and one week before the seminar will be subject to the $25 late registration fee. Within seven days of the seminar, no refunds will be given.

**Continuing Education Units (CEUs).** Participants will receive documentation for 1.6 CEUs or 16 equivalent hours.

**AIA Credits.** ATC has obtained American Institute of Architects Continuing Education certification and is authorized to offer 16 Learning Unit hours for this seminar.


**About the ATC-17 Seminar Series.** The initial Applied Technology Council ATC-17 Seminar on Base Isolation and Passive Energy Dissipation, funded by the National Science Foundation (NSF), was held in San Francisco in March 1986. The two-day seminar and subsequent one-day workshop provided a forum for the presentation of informed thinking on the use of base isolation, energy dissipation, and damping in the seismic design of structures and the identification of research needs.

The seminar was attended by approximately 200 practitioners and researchers, including 15 international representatives attending under the auspices of the United Nations Industrial Development Organization (UNIDO). The seminar technical program included more than 40 competitively selected technical papers discussing theoretical principles, applications, case studies and design issues, including ground motion and structural considerations.

The second seminar in the series, the ATC-17-1 Seminar on Seismic Isolation, Passive Energy Dissipation, and Active Control, was held in March 1993, also in San Francisco. The two-day seminar was funded by the National Center for Earthquake Engineering Research (now MCEER) and the National Science Foundation. The purpose of the seminar was to present a complete picture of available research information and current practice relating to the design of seismic isolation, passive energy dissipation, active control, and hybrid control systems.

The seminar technical program consisted of 70 state-of-the-art and state-of-the-practice oral and poster papers. The technical presentations included invited state-of-the-art papers as well as competitively selected papers covering issues of concern, including ground motion, performance criteria, reliability, life-cycle costs, design and code procedures, methods of analysis, peer review, and performance testing.

The seminars served as catalysts for the use of base isolation and energy dissipation in newly designed and seismically rehabilitated buildings and bridges in the United States. The ATC-17 and ATC-17-1 Seminar Proceedings are available from the ATC office.