

ASCE 7-02 Wind Loads Webinar Four-Part Series

Train Your Entire Office
for One Low Price!

**Dates: Feb 18, March 3,
March 17, March 31**

With the help of Web-based technology, ASCE/SEI now offers engineering firms live, cost-effective seminars in the convenience of their own offices. For one low site fee, firms may have an unlimited number of participants hear a live lecture while viewing an on-line presentation. Participants can interact with the instructor during the question and answer period. Each Webinar is one-hour in length and may be a part of a series of Webinars about the same subject.

'Introduction to ASCE 7-02 Wind Loads (4 part series)' is ASCE/SEI's first series of technical Webinars for structural engineers. Its instructor, Jim Delahay, is an active member of the ASCE 7 Wind Task committee and President/CEO of Lane, Bishop, York & Delahay, a civil and structural engineering firm based in Birmingham, Alabama. The Webinar starts on Feb 18th, and each webinar builds upon the material from the previous webinar.

To register, go to the article about the wind webinar at www.seiinstitute.org and click on 'register now!'



Now Available! Masonry Aspects of the World Trade Center Disaster

... a report by David T. Biggs, P.E.
Published by The Masonry Society

This is an expanded version of the ASCE-FEMA team report, World Trade Center Building Performance Study, Chapter 7 "Peripheral Buildings."

Go to www.masonrysociety.org for ordering information.

NEW Publications

SEI/ASCE 31-03 Seismic Evaluation of Existing Buildings

Stock #40670

This standard provides a three-tiered process for seismic evaluation of existing buildings in any level of seismicity. It is intended to serve as a nationally applicable tool for design professionals, code officials, and building owners looking to seismically evaluate existing buildings.

SEI/ASCE 7-02 Minimum Design Loads for Buildings & Other Structures

Stock #40624

This standard is a revision of ASCE 7-98, and gives the latest consensus requirements for dead, live, soil, flood, wind, snow, rain, ice, and earthquake loads and their combinations that are suitable for inclusion in building codes and other documents. Revisions include

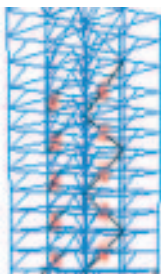
significant changes made to the following sections: general provisions, load combinations, live loads, flood loads, wind loads, snow loads, earthquake loads, and atmospheric ice loads.

Guide to the Use of Wind Load Provisions of ASCE 7-02

By Kishor C. Mehta, James M. Delahay
ISBN 0-7844-0703-7

This guide walks practicing professionals through the complicated process of assessing wind loads on a variety of buildings and other structures as set forth in ASCE Standard 7-02. It addresses new developments in the wind load provisions of ASCE 7-02, including analytical procedures, simplified procedures, terrain exposures, and internal pressures. Multiple examples are included and worked out in detail.

All three new publications are available from ASCE at 1-800-548-2723, or www.pubs.asce.org



Ninth ASCE Joint Specialty Conference on Probabilistic Mechanics and Structural Reliability

July 26-28, 2004, Albuquerque
New Mexico

www.esc.sandia.gov/pmc04.html

The ninth edition of the PMC conference will be held in Albuquerque, New Mexico on July 26-28, 2004, hosted by Sandia National Laboratories.

The overriding goal of the conference is to provide a medium for technical exchange between engineers, scientists and statisticians interested in all aspects of nondeterministic modeling, including

uncertainty quantification, sensitivity analysis, risk and reliability analysis, model validation, random vibration, and decision-making under uncertainty.

For further information, please contact Steve Wojtkiewicz at Sandia (sfwojtk@sandia.gov) or visit the conference's web site at www.esc.sandia.gov/pmc04.html.

2005 Structures Congress

Metropolis & Beyond
April 20-24, 2005, New York, NY

**Deadline for Session Requests and Paper
Abstracts EXTENDED to March 15, 2004**

You are invited to submit session requests and/or paper abstracts for the 2005 Structures Congress. All session requests and paper abstracts must be submitted via the conference Web site at <http://www.asce.org/conferences/structures2005>.



SEI/SFPE Designing Structures for Fire Conference a Huge Success!

The SEI/SFPE Designing Structures for Fire Conference was held last September in Baltimore, Maryland. Twenty-nine presenters from 12 countries presented papers to an audience of about 150 structural and fire protection engineers. The format allowed for dynamic discussions among the presenters and the audience.

Although the design of structural systems for fire is not needed for most buildings today, designing structures for fires is an important trend to follow for the future. SEI plans to enhance the profession's knowledge of this field by organizing another conference within the next two years.

ICCRRR 2005 International Conference on Concrete Repair, Rehabilitation and Retrofitting November 21-23, 2005, Cape Town, South Africa

A joint project between the Universities of Cape Town and Witwatersrand (South Africa) and the University of Leipzig / MFPA Leipzig (Germany)

The scope of the conference covers issues related to the broad field of concrete durability and concrete repair. For further information on the conference, please visit the Web site at: <http://www.civil.uct.ac.za/iccrrr/> or contact Hans Beushausen at the University of Cape Town, ICCRRR@eng.uct.ac.za.

ASME WORKSHOP TO FOCUS ON ELEVATOR EMERGENCIES IN HIGH-RISE BUILDINGS

NEWYORK, Dec. 11, 2003 - Since the Sept. 11, 2001 attacks on the World Trade Center, code provisions for emergency egress from tall buildings continue to be re-examined. The use of elevators for both occupant evacuation and access by fire fighters has become a topic of much discussion.

ASME, a provider of elevator codes, will conduct a workshop on the *Use of Elevators in Fires and Other Emergencies*, March 2-4, 2004, at the Westin Peachtree Plaza Hotel, in Atlanta, Ga. The workshop will focus on the safe use of elevators by occupants during emergency situations, as well as discussion on the use of elevators by fire fighters during rescue operations.

Could fire fighters and rescue workers reach a fire more quickly by using elevators, or specialized lifts designed for such emergencies, as is done in Europe? Could buildings be evacuated more effectively using elevators instead of stairwells? These and other questions will be presented at the ASME workshop, where experts including elevator manufacturers, trade associations, government, building owners, property managers, academia and rank-and-file fire fighters will convene to discuss proposals to improve elevator safety codes and standards and building codes.

Technical papers will be presented during scheduled plenary sessions followed by breakout sessions where attendees will have an opportunity to brainstorm to develop and present recommendations to the workshop steering committee.

The steering committee, comprised of workshop co-sponsors, includes representatives



from the National Institute of Standards & Technology, the International Code Council, the National Fire Protection Association, the U.S. Access Board, the International Association of Fire Fighters, and the American Society of Mechanical Engineers.

Paper topics include:

- Emergency Operation of Elevators in North America vs. Europe
- Pre-Planning for Use of Elevators During Emergencies
- Consequences of Smoke Migration Through Elevator Hoistways
- Fire Service Control of Elevators in Emergencies
- Comparison of the Use of Elevators and Stairs in Emergencies
- Feasibility of Using Elevators to Evacuate Tenants of Tall Buildings in Emergencies

The cost of the workshop is \$595, which includes access to all sessions, lunch and a copy of the workshop proceedings on CD ROM. For complete registration information and hotel reservations, visit the ASME Web site at <http://www.asme.org/cns/elevators/> or call 1-800-843-2763 and ask for event code: EFE04A.

ASME is a 120,000-member professional organization focused on technical, educational and research issues of the engineering and technology community. ASME conducts one of the world's largest technical publishing operations, holds numerous technical conferences worldwide, and offers hundreds of professional development courses each year. ASME sets internationally recognized industrial and manufacturing codes and standards that enhance public welfare and safety.

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New SEI Web Site! A Valuable Technical Resource

SEI's new Web site includes answers to frequently-asked technical questions (FAQs) regarding SEI/ASCE standards, and a members-only section that consists of archived issues of the SEI Update, a variety of technical articles organized by topic, and an online version of STRUCTURE Magazine. In addition, the simplified design helps you find the news and information you need quickly. SEI plans to expand the site's technical content each



month - making it an indispensable resource for all structural engineers. Visit our new site at www.seiinstitute.org.

