Alternative Approach to Designing Earthquake-Resistant Structures Presented

WIT Press has just added to a new volume to their Advances in Earthquake Engineering with publication of Seismic Isolation for Earthquake-Resistant Structures.

Intended for practicing structural engineers and graduate students in structural engineering, the new book explores seismic isolation as a performance-based alternative to the conventional strength-based approach to the design of earthquake-resistant structures. While conventional design gives little attention to the prevention of damage, seismic isolation can help to minimize earthquake-induced loads and the resulting damage in low to medium-rise buildings.

Available in North America from Computational Mechanics, Inc., 25 Bridge Street, Billerica, MA 01821. Phone: 978/667-5841; Fax: 978/667-7582; E-mail: marketing@marketing.com; Web:

www.compmech.com.

Available outside North America from WIT Press, Ashurst Lodge, Ashurst, Southhampton SO40 7AA, UK. Phone: 44 (0) 238 029 3223; Fax: 44 (0) 238 029 2853; E-mail: marketing@witpress.com; Web:

www.witpress.com.

Structural Bracing for Lateral Loads and Stability

The University of Wisconsin-Madison, Department of Engineering Professional Development will offer a seminar, Structural Bracing for Lateral Loads and Stability, March 22-23 in Madison, WI.

This seminar will benefit architects, engineers, structural designers, consultants, fabricators and contractors. By attending, you will learn about:

- How to recognize conditions that my lead to failure—before they occur;
- How to design bracing systems that ensure full-load capacity;
- When and where to provide bracing and how much bracing to provide;
- How to design diaphragms, shear walls and space frames.

Includes take-home materials to assist further study and application. 1.2 CEU and 24 AIA LU.

Contact Amy Lensing, Department of Engineering Professional Development, University of Wisconsin-Madison, tel. 800/462-0876; fax: 608/263-3160; e-mail: custserv@epd.engr.wisc.edu. Web:

http://epdweb.engr.wisc.edu/

Online Course on Weathering Steel Bridge Design

The American Iron and Steel Institute (AISI) announced the launch of its first course, "Uncoated Weathering Steel in Bridge Structures," which is available through a partnership with

www.PDHonline.org.

The online course allows busy structural engineers and engineering students to update their knowledge about steel bridge design via the Internet, on their own time. Those who complete the course and pass the exam offered at the end of the course will receive continuing education units (CEUs).

The PDHonline.org web site is designed as a fully automated virtual classroom where the server is programmed to conduct quizzes and issue certificates of completion. AISI plans to convert several of its bridge, pipe and utility pole seminars to this web-based format over the next several months.

RCSC Releases New Bolt Specification

The Research Council for Structural Connections has released the June 23, 2000 *Specification for Structural Joints Using ASTM A325 or A490 Bolts*. The specification is available for free downloading in Adobe Acrobat .pdf format at the Council's web site:

www.boltcouncil.org

Clarification

In the article "Steel Revives Historic Structure" in the January issue of Modern Steel Construction, Marie Ennis should have been identified as Principal. We apologize for any confusion this may have caused.

Steel News & Events

2001 Event Calendar

Dates	Event	Location	Web
2/12—2/15	ProMat 2001	Chicago, IL	www.promat2001.org
2/15—2/16	Construction Crane Safety Seminar	Madison, WI	www.epdweb.engr.wisc.edu
2/18—2/24	National Engineers Week	—	www.nspe.org
2/26—3/2	Sixth World Congress Council on Tall Buildings and Urban Habitat	Melbourne, Australia	www.icms.com.au/tbuh
5/9—5/12	North American Steel Construction Conference	Ft. Lauderdale, FL	www.aisc.org/nascc.html
5/21-5/23	2001 Structures Congress & Exposition	Washington, D.C.	www.asce.org/conferences/structures2001
6/4—6/6	International Bridge Conference	Pittsburgh,PA	www.eswp.com/bridge.html
7/29—8/3	International Conference on High Performance Materials in Bridges and Buildings	Kona, HI	www.engfnd.org
9/25—9/27	Detroit2001: Advanced Productivity Exposition	Detroit, MI	www.sme.org/Detroit
10/2—10/5	World Steel Bridge Symposium	Chicago, IL	www.nsbaweb.org

Send event information to grubb@blacksquirrel.net

Correction

The following Quality Certified companies were inadvertently omitted in the December 1999 issue of MSC:

MB HCI Steel Building Systems Arlington, WA (360) 435-8871
MB Pinnacle Structures, Inc. Cabot, AR (501) 941-3929

The following company was inadvertently listed under the wrong state:

Cbr Cbd F P1 Egger Steel Company Sioux Falls, SD (605) 336-2490

For the most recent listing of certified fabricators, erectors and metal building manufacturers, please visit our website at

www.aisc.org

Correction

The following shapes were inadvertently omitted from the Shape Availability Listing in the January 2001 issue of *Modern Steel Construction*. The complete listing is available online at

www. modernsteel.com.

	Ameristeel	Bayou Steel	Corus	J&L Structural	North Star	Northwestern	Nucor	Nucor-Yamato	Roanoke	SMI	TradeARBED	TXI Chaparral
W14x808												
W14x730			X								X	
W14x665			X								X	
W14x605			X								X	
W14x550			X								X	
W14x500			X								X	
W14x455			X								X	