

## CONTINUING EDUCATION

### Connect with Experts at AISC's Seminars

Not only will AISC's Continuing Education seminars help you enhance your skills as a structural steel designer, but they will also give you access to some of the nation's most prominent experts in structural steel design.

The "Design Steel Your Way with the 2005 AISC Specification" seminar will accelerate your ability to design steel buildings according to the 2005 *Specification for Structural Steel Buildings*, whether you design in ASD or LRFD.

Speakers for this seminar vary by location and will feature **Louis Geschwindner, Ph.D., P.E.**, AISC's Vice President of Engineering and Research and Professor Emeritus of Architectural Engineering at Pennsylvania State University; **James M. Fisher, Ph.D., P.E.**, recipient of AISC's J. Lloyd Kimbrough award for prominent steel designers and Vice President of Computerized Structural Design, S.C. in Milwaukee; **Lawrence G. Griffis, P.E.**, Structures Division President of Walter P. Moore & Associates, Inc., Austin; **Lawrence A. Kloiber, P.E.**, past Vice President of LeJeune Steel Co. in Minneapolis; **John L. Ruddy, P.E.**, President of Structural Affiliates International, Inc. in Nashville; **Kurt D. Swensson, Ph.D., P.E.**, President of KSI Structural Engineers in Atlanta; **W. Samuel Easterling**, Assistant Department Head and Professor of Civil Engineering at Virginia Tech; and **Michael A. West, P.E.**, Vice President of Computerized Structural Design, S.C. in Milwaukee.

Presentation topics for "Design Steel Your Way with the 2005 AISC Specification" include proper material selection, design philosophies and analysis requirements, member and structure stability provisions, member design, and connection design. This seminar also offers extensive handouts: Each attendee will receive a copy of the course notes and design examples, the AISC *Design Examples* CD, and a copy of the 13th Edition AISC *Steel Construction Manual*, which includes the 2005 AISC specification, the 2004 RCSC specification, and the 2005 *Code of Standard Practice for Steel Buildings and Bridges*.

"Design Steel Your Way with the 2005 AISC Specification" provides "extras" available only to attendees, as well. Each attendee will receive laminated copies of the *Basic Design Values* cards—two 5" x 8" cards that include the most-used information from the 2005 AISC specification, in both ASD and LRFD. With these cards, users can design all typical beams, columns, braces, tension members, and connections and perform simplified analyses. Attendees will also be eligible to win an Apple iPod Nano—one per seminar—courtesy of AISC Certification.

AISC will offer this seminar in locations across the country throughout the year, with the following dates coming soon:

Design Steel Your Way with the 2005 AISC Specification		
April 5	Portland, Maine	W. Samuel Easterling
April 6	Manchester, N.H.	W. Samuel Easterling
April 19	Kansas City, Mo.	Michael A. West
April 20	Oklahoma City, Okla.	Kurt D. Swensson
April 20	Dallas, Texas	Lawrence G. Griffis
May 2	Minneapolis, Minn.	Louis F. Geschwindner
May 3	Omaha, Neb.	TBA
May 4	Chicago, Ill.	Louis F. Geschwindner
May 10	Edison, N.J.	Louis F. Geschwindner

Design Steel Your Way with the 2005 AISC Specification		
May 11	Hartford, Conn.	John L. Ruddy
May 24	Sacramento, Calif.	W. Samuel Easterling
May 25	Las Vegas, Nev.	Lawrence G. Griffis
May 31	Denver, Colo.	Michael A. West
June 1	Bozeman, Mont.	James M. Fisher
June 27	Milwaukee, Wis.	James M. Fisher
June 28	Grand Rapids, Mich.	James M. Fisher

"Seismic Braced Frames," a full-day seminar that concentrates on design of seismic braced frames, will be presented by **Rafael Sabelli, S.E.**, Director of Technical Development of DASSE Design in San Francisco and a member of the AISC Task Committee on the Seismic Provisions for Structural Steel Buildings.

"Seismic Braced Frames" will focus on the design requirements in the 2005 AISC *Seismic Provisions for Structural Steel Buildings*. For those proficient in the 2002 AISC seismic provisions, the seminar will highlight the differences between the 2002 and 2005 editions, and the implications of these changes in your design.

This seminar will be offered at select locations through April 2006 (look for another seismic design seminar, "AISC Seismic Design—Updates and Resources for the 21st Century," later in the year):

Seismic Braced Frames	
April 25	Atlanta, Ga.
April 26	Charlotte, N.C.
April 27	Philadelphia, Pa.

AISC continues to offer its "Bring a Buddy" registration program for all of its seminars. If eligible, paid registrants may add one person to their registration at a reduced rate. And, as always, AISC members attend at discounted rates. To become a member and receive the AISC member discount, please visit [www.aisc.org/membership](http://www.aisc.org/membership). Call 800.809.2364 or visit [www.aisc.org/2006seminars](http://www.aisc.org/2006seminars) for more information or to register.

## Correction

The AISC Associate Member detailers listed below were inadvertently omitted from the AISC and NISD member Structural Steel Detailer Listing published in the March 2006 issue of MSC. We regret the error. An updated listing appears in the "Back Issues" section of [www.modernsteel.com](http://www.modernsteel.com).

Detailer	Location	Telephone
2H Drafting Incorporated	Greensboro, N.C.	336.218.8765
DeLucia Detailing Service	Port Washington, Wisc.	262.284.5242
Detailing Group	San Diego, Calif.	858.569.8844
ETS, Inc (Eng. Tech. Services)	Santa Rosa, Calif.	707.546.4300
K.L. Gent Drafting Services	Junction City, Ore.	541.998.3096
Ted F. Duggan & Sons, Inc.	Chattanooga, Tenn.	423.892.7363
Total Global Steel Detailing	Quito, Ecuador	011.5932.225053
W&W Architectural Metals, Inc.	Scottsdale, Ariz.	480.966.9427

If you are a detailer interested in joining AISC as an Associate Member, please contact Kelly Butler, Membership Services Assistant, at 312.670.5409 or at [butler@aisc.org](mailto:butler@aisc.org).

## SAFETY

### New Insurance Program for AISC Active Member Fabricators

A new AISC Member Insurance and Risk Management Program is now available for AISC Active Member fabricators.

The program was developed by an independent insurance agency using the potential combined buying power of AISC Active Members and provides competitive pricing by offering a choice of national and regional insurers rated A- or better by A.M. Best. In addition, it offers:

- Broad coverage.
- Risk management and educational services.
- Access through an approved AISC broker or your local broker.

The following lines of coverage may be purchased as a package or individually:

- Property and Inland Marine
- Comprehensive General, Products, and Completed Operations Liability
- Pollution Liability
- Auto Liability and Physical Damage
- Workers' Compensation
- Umbrella Excess Liability

An endorsed agent has negotiated terms with a variety of insurers who are particularly strong in certain lines, geographic locations, and with businesses of certain sizes. This menu approach is calculated to better serve all members and to build AISC member buying power for the future, when other approaches may be more attractive.

For more information or to download an application, visit the "Members Only" page of AISC's web site at [www.aisc.org](http://www.aisc.org). Or contact Robert L. Barrese, Assurance Agency Ltd., by calling 847.463.7183 or e-mailing [bbarrese@assuranceagency.com](mailto:bbarrese@assuranceagency.com).

## PRACTICES SURVEY

### Designing for Serviceability under Wind Loads

The American Society of Civil Engineers (ASCE)/Structural Engineering Institute (SEI) Committee on the Design of Steel Buildings has developed a survey on practices related to the design of steel buildings for serviceability under wind loads. All engineers with experience in the design of steel buildings for wind are encouraged to participate.

The survey may be filled out online or on paper. Both versions of the survey are available from [www.celes.ictas.vt.edu/drift](http://www.celes.ictas.vt.edu/drift). Participants are requested to complete the survey by May 31, 2006. Individual, rather than company, responses are preferred since differing approaches to wind serviceability design may occur among engineers within the same firm.

The survey is organized in three parts: "Drift," "Perception of Motion," and "Analysis Procedures." The first two parts of the survey are presented in the traditional question-and-answer format. The third part requires the respondent to perform a variety of calculations for a hypothetical mid-rise building. Respondents who fill out the third part of the survey will be eligible for a drawing for one copy of a major commercial structural analysis and design program.

The committee will analyze the results of the survey, and the findings and related discussion will be presented in an article in a major engineering publication.

For more information, please contact Finley Charney, Chairman of the ASCE/SEI Task Committee on Drift and Perception of Motion, at [fcharney@vt.edu](mailto:fcharney@vt.edu).

### Got News?

Send your news items, announcements, and industry events to Keith Grubb, [grubb@modernsteel.com](mailto:grubb@modernsteel.com) or Lena Singer, [singer@modernsteel.com](mailto:singer@modernsteel.com).

## UNIVERSITY RELATIONS

### New AISC Resources Available on University Relations Web Site

The University Relations section of the AISC web site has undergone major changes to make navigation easier and to provide up-to-date information on workshops, scholarship and fellowship applications, student competitions, and AISC resources for educators and students.

"We are using our web site as one of our main sources of communication with the academic world," said Fromy Rosenberg, P.E., AISC's Director of University Relations.

The site can be accessed at [www.aisc.org](http://www.aisc.org) by clicking on the "Learning Opportunities" button and following the "University Programs" link.

More than a dozen structural steel design and construction teaching aids for educators already have been made available via on web site. Visit the site for new teaching aids, introduced at the 2006 NASCC: The Steel Conference, on incorporating writing assignments into steel design courses and web-enhanced teaching methods.

If you would like more information about the University Relations site, AISC's new teaching aids, or other University Relations programs, please contact Fromy Rosenberg at 312.670.5408 or [rosenberg@aisc.org](mailto:rosenberg@aisc.org); or contact Megan Maurer, University Relations Coordinator at 312.670.5418 or [maurer@aisc.org](mailto:maurer@aisc.org).

## COMING EVENTS

### USGBC Chicago Chapter Emerald Gala

The Chicago chapter of the U.S. Green Building Council (USGBC) will host its second biennial Emerald Gala on May 13, 2006 at Chicago's John G. Shedd Aquarium. The chapter will present its "Celebrating Natural Leaders Awards," which recognize the top leaders in green building and development in the Chicago area. The event is open to the public and will include cocktails, dinner, entertainment, and dancing.

For more information or to purchase tickets, please visit [www.usgbc.org/chapters/chicago](http://www.usgbc.org/chapters/chicago).

## COMING EVENTS

### Attend the ASCE Structures Congress

Join the Structural Engineering Institute of ASCE in St. Louis, May 18-20, 2006 and earn up to 19 PDHs as you attend technical sessions on cutting-



edge research and practical issues for structural engineering professionals. Special sessions include two pre-Congress workshops: "I Could Have Made that Mistake" (risk management for the individual engi-

neer) and a second on "Structural Design for Blast Effects." The Wednesday pre-Congress evening activities also include a special overview of Hurricane Katrina featuring representatives from FEMA and NIST and "The Impact of the NIST WTC Recommendations Upon the Profession."

During the Congress, you'll be able to select from nine concurrent tracks containing a variety of informative technical, business, and practice sessions including topics such as building codes; extreme event loading; structural design, performance, and serviceability; materials, advanced technology, and methods; professional practice and engineering management; infrastructure engineering; special structures; and computational mechanics will also serve engineers in multi-faceted ways. The entire program can be viewed at [www.SEInstitute.org](http://www.SEInstitute.org).

Prominently integrated in the Congress is the 17th Analysis and Computation Specialty Conference highlighting recent research concerning theory, practice, and application of all forms of computation related to the analysis and design of engineering structures. All registrants may attend both the Congress and the 17th A&C Conference and will receive the proceedings of both events on a single CD. The early bird registration deadline is April 15. For more information, to register, or to book a hotel room, please visit [www.SEInstitute.org](http://www.SEInstitute.org) and click on the 2006 St. Louis logo.

## COMING EVENTS

### ACEC Presents Online Course on Engineering Outsourcing

The American Council of Engineering Companies (ACEC), in conjunction with Paul Bryant of O&I Consultants, will present an online course on the effects of global outsourcing of engineering services. The course will be held April 18, 2006 from 1:30 p.m. to 3:30 p.m. EDT.

According to ACEC, outsourced engineering in the A/E/C industry sent to India is larger in volume than that for manufacturing. This session will examine, from a macro level, the issues created by offshore outsourcing of engineering; and from a micro level, the range of strategic responses that domestic engineering firms and the engineering work force might have to make in order to preserve their livelihood.

Firm leaders and individuals will discover the social, political, and economic implications of the current offshore outsourcing trends that, unless engineers develop strategies to adapt, may well result in the decline of the engineering class in the developed world.

Registration is \$249 for the general public and \$199 for ACEC members.

For more information about this course or to register, please e-mail [education@acec.org](mailto:education@acec.org) or contact La'Creshea Makonnen at ACEC by phone at 202.347.7474.

## COMING EVENTS

### CASE/SEI Seminar on BIM Technology

Does your engineering firm have a plan for the transition to building information modeling (BIM)?

The Council of American Structural Engineers (CASE) and the Structural Engineering Institute (SEI) is offering help to their members as they prepare for BIM technology by jointly sponsoring a half-day seminar entitled, "Building Information Modeling—An Introduction for Practicing Structural Engineers."

This seminar will focus on helping structural engineering firms of any size move up the BIM learning curve. Attendees will learn what their firms can do today to prepare for clients requesting BIM collaboration in the future. An overview of current BIM product capabilities will be presented, which will include information on available software and emerging technologies made specifically for structural engineers. Engineering practitioners that have used BIM on real projects will also share information about how it has worked for their firms and will talk about issues related to BIM that have not necessarily been addressed by software vendors.

This seminar will take place June 22, 2006 at the Hyatt Regency hotel in downtown Chicago. The session will begin at 1:00 p.m. CT and will close at 5:00 p.m., with a reception immediately following. To learn more about this seminar or to make reservations, please contact Ed Bajer, CASE Executive Director, at [ebajer@acec.org](mailto:ebajer@acec.org).

## COMING EVENTS

### Industry Events Slated

Mark your calendar for these upcoming events:

- |                                       |                  |                 |
|---------------------------------------|------------------|-----------------|
| • ACEC Annual Convention              | Washington, D.C. | April 30-May 3  |
| • AISI General Meeting                | Boca Raton, Fla. | May 7-9         |
| • ASCE Structures Congress            | St. Louis, Mo.   | May 18-20       |
| • AIA                                 | Los Angeles      | June 8-10       |
| • ACEC Fall Conference                | Charleston, S.C. | September 18-21 |
| • DBIA                                | Nashville, Tenn. | October 18-21   |
| • Structural Engineers' Conf. & Expo. | Washington, D.C. | November 2-3    |
| • Greenbuild                          | Denver, Colo.    | November 14-17  |