

CONFERENCE

Register for NASCC: The Steel Conference Now and Save

With the opening of the 2012 NASCC: The Steel Conference just around the corner, there's no time like the present to complete your registration at www.aisc.org/nascc. The conference is scheduled for April 18-20 at the Gaylord Texan Convention Center in Dallas.

For the first time, this year's Steel Conference, Annual Stability Conference and Sustainable Steel Conference join together with the World Steel Bridge Symposium, the Technology in Steel Construction Conference and the brand new Ruby University, featuring practical sessions on constructability. In addition, AISC member Gerdau is offering a free

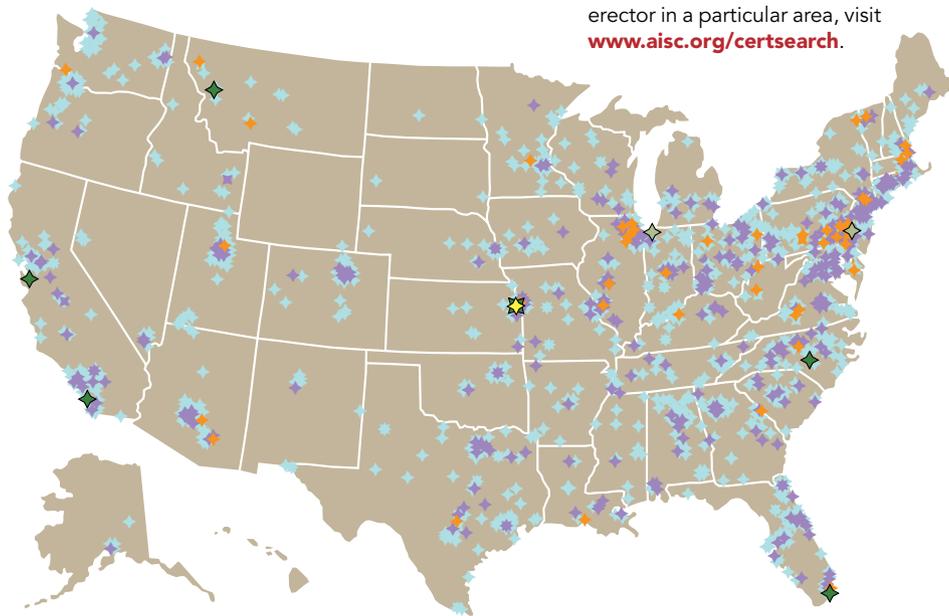
mill tour for attendees who arrive early (sign-up is required).

For more information about what's in store for you at the conference this year, view AISC's press release at <http://bit.ly/upKR0>. Also, you can start planning now to get the most out of the technical sessions, networking and product showcase happenings by downloading the Advance Program at www.aisc.org/nascc.

Remember, with this year's discount structure the sooner you register the more you save. The price goes up \$10 each Sunday at midnight between now and the conference, so don't delay.

Newly Certified Facilities: December 1–31, 2011

To find a certified fabricator or erector in a particular area, visit www.aisc.org/certsearch.



Existing Certified Fabricator Facilities

Existing Certified Erector Facilities

Existing Certified Bridge Component Facilities

Newly Certified Fabricator Facilities

Newly Certified Erector Facilities

Newly Certified Bridge Component Facilities

Newly Certified Fabricator Facilities

BP Fabrication, Inc., Missoula, Mont.
Campbell Certified, Inc., Oceanside, Calif.
George's Welding Services, Inc., Miami, Fla.
Shawnee Steel & Welding, Inc., Merriam, Kan.
SOS Steel Co., Inc., Santa Clara, Calif.
Steel and Pipe Corporation, Sanford, N.C.

Newly Certified Erector Facilities

Graycor Industrial Constructors, Portage, Ind.
Northwest Erectors, Inc., Ambler, Pa.

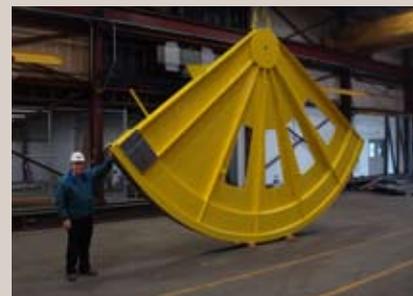
Newly Certified Bridge Component Facilities

Shawnee Steel & Welding, Inc., Merriam, Kan.

People and Firms

- **Andrew W. Herrmann, P.E.**, recently was sworn in as the 143rd president of the American Society of Civil Engineers at its annual convention in Memphis, Tenn. A principal with the engineering firm Hardesty & Hanover, LLP, New York City, Herrmann is based in Pittsburgh. He most recently served as chairman of the Committee for the 2009 Report Card for America's Infrastructure. He also was the lead spokesperson for ASCE's recent report, "Failure to Act, The Economic Impact of Current Investment Trends in Surface Transportation Infrastructure," the first-of-its-kind report that applied a price tag to the U.S. surface transportation system if nothing is done to improve it.

- AISC member **Jesse Engineering**, Tacoma, Wash., recently delivered a large-radius rotary draw pipe bender to a customer in British Columbia. Primarily to be used in the manufacture of coated pipe elbows for the oil and gas industry, the bender was furnished with capability for up to 10 in. IPS bends at 20 times diameter. Planned pipe bends include 6 in., 8 in. and 10 in. IPS at 15D and 20D.



- **Design Data** has been named an Autodesk AEC Industry Partner. Its recent release of SDS/2 Connect, an add-in for Autodesk Revit Structure software that automatically designs connections within the Revit environment, provided the foundation for the partnership. The product also was cited as a 2011 MSC Hot Product in the August 2011 issue, available at www.modernsteel.com/backissues.

IN MEMORY

John A. Martin, Founder of Martin Associates Group

John Alfred (Jack) Martin, S.E., 91, passed away on Saturday, December 3, 2011 in Redondo Beach, Calif. One of the preeminent structural engineers in the western U.S., he was the founder of the Martin Associates Group of engineering companies, including John A. Martin & Associates, Inc. and Martin/Martin, Inc. Martin received AISC's Lifetime Achievement Award in 2004 in recognition of his half century of work blending science and art, technology and creativity, and innovation and safety.

Martin's unique combination of intellect, tenacity and pragmatism brought invaluable lessons to the engineers, architects and contractors he worked



with. In a 1998 interview he remarked, "I encourage young engineers to visualize and learn the details of what they are designing, and have a feeling for the size of what they are creating and connecting, before getting into the computer and performing calculations." This philosophy remains today at the core of the Martin organization's work process.

The firm has worked on skyscrapers, condominiums and casinos including the Los Angeles, Anaheim, and Long Beach convention centers, the Staples Center Arena in Los Angeles, and the LAX business district.

A private memorial service was held on New Year's Day (January 1, 2012). He is survived by his eldest son and CEO of John A. Martin & Associates, John A. "Trailer" Martin, Jr. of Redondo Beach, Calif., daughter-in-law Patricia and grandchildren John A. "Trip" Martin, III, Michael Bauer and Margaret "Peggy" Martin; his son Randall Martin and granddaughter Julia Tiffany of Newport Beach, Calif.; and his daughter Jamie Martin and grandsons Jack Otto, Brett West, and Reed West of Denver.

For additional information, visit www.johnmartin.com.

COMPETITION

Registration Deadline Nears for Student Design Competition

Students are encouraged to register as soon as possible for the 12th annual Steel Design Student Competition sponsored by the American Institute of Steel Construction (AISC) and administered by the Association of Collegiate Schools of Architecture (ACSA). Teams must register by February 15, 2012, to participate in this year's competition, although registration information may be modified until submission of the final project. Entries are due May 24, 2012. There is no fee to enter. Each team must have a faculty sponsor.

Two categories of competition are being offered again this year. Category I challenges architecture students to design a Culinary Arts College in an urban setting. "Steel construction offers students great benefits in this endeavor," the program materials state, "as it is ideal for covering long-spans without sacrificing flexibility and aesthetic lightness, multi-story buildings, quick delivery and assembly in congested urban environments." Category II provides an open design option.

Steel should be used as the primary structural material for entries in either category, with special emphasis placed on innovation in steel design. The structure also should include at least one space that requires long-span steel structure.

There are three possible prizes in each category. Winning students and their faculty sponsors will receive cash prizes totaling \$14,000.

Learn more about the ACSA/AISC Steel Design Student Competition on the AISC website at <http://bit.ly/i8lwfk>, where links also are available to the full competition program including all the rules and guidelines.

NEWS

Engineering Journal Q4 Now Online

The Fourth Quarter 2011 issue of *Engineering Journal* is now available online in digital edition format. View the current issue online at www.aisc.org/ej.

Papers in *Engineering Journal* Q4 include:

- "Experimental Investigation of Shear Transfer in Exposed Column Base Connections," by Ivan R. Gomez, Amit M. Kanvinde and Gregory G. Deierlein
- "Repairable Seismic Moment Frames with Bolted WT Connections: Part 1" and "Part 2," by Patrick S. McManus and Jay A. Puckett
- "Design of Steel Columns at Elevated Temperatures Due to Fire:

Effects of Rotational Restraints," by Anil Agarwal and Amit H. Varma

- "Current Steel Structures Research No. 28," by Reidar Bjorhovde

Each quarterly current issue of *EJ* is available in digital format and free to the public until the next issue is published.

The complete collection of *Engineering Journal* articles is searchable at www.aisc.org/ej. Downloads of current and past articles in PDF format are free to AISC members and ePubs subscribers; just make sure you are logged into the AISC website (www.aisc.org) before searching. Non-members will be directed to the AISC Bookstore at www.aisc.org/store to purchase article downloads.

AWARDS

AISC Honors Industry, Engineers and Educators

AISC awards honor significant projects and individuals who have made a difference in the success of the fabricated structural steel industry. Whether it's for an innovative design, an insightful technical paper, or a lifetime of outstanding service, an AISC award bestows prestige and well-deserved recognition upon its recipient.

Award recipients will be honored at the 2012 NASCC: The Steel Conference at the Gaylord Texan Convention Center in Dallas, April 18-20. For more information on The Steel Conference, visit www.aisc.org/nascc.

The Robert P. Stupp Award for Leadership Excellence, the J. Lloyd Kimbrough Award and the Geerhard Haaijer Award for Excellence in Education are AISC's highest honors.



Robert P. Stupp Award for Leadership Excellence

◀ Daniel (Dan) DiMicco, chairman and CEO, Nucor Corporation, is the recipient of the Robert P. Stupp Award for Leadership Excellence. The Stupp Award is given in special recognition to individuals who have provided unparalleled leadership in the steel construction industry.

DiMicco has been a strong advocate of producer support and market breakthrough initiatives. He is an exemplary leader in the steel construction industry and an advocate in promoting domestic manufacturing jobs. As a former member of the AISC Board of Directors, he was instrumental in facilitating cooperation between mills and fabricators and served as an ambassador and an advocate of the fabricated structural steel industry in securing the support of domestic steel producers for AISC. Under his leadership, Nucor has not only championed technological advances in steelmaking but also environmental leadership. DiMicco graduated from Brown University in 1972 with a Bachelor of Science in Engineering, Metallurgy and Materials Science. He graduated with a Master of Science Degree in Metallurgy and Materials Science from the University of Pennsylvania, Philadelphia, in 1975. DiMicco joined Nucor Corporation in 1982 and was elected Chairman of the Board in 2006.



J. Lloyd Kimbrough Award

◀ John M. Kulicki, P.E., Ph.D., chairman and CEO of bridge engineering firm Modjeski and Masters, is the recipient of the J. Lloyd Kimbrough Award for his significant achievements in bridge analysis and design. The Kimbrough award is presented on a selective basis

by AISC to honor preeminent engineers and architects who have made an outstanding contribution to the structural steel industry through their design work.

“John’s work has advanced the state of the art in every aspect of steel bridge design,” said Bill McEleney, director of the National Steel Bridge Alliance (NSBA). “Aside from his signature achievement of leading the AASHTO LRFD bridge code development team, the diversity of steel bridge types he has designed across the country is a clear indication of the broad range of his design acumen. His willingness to share his expertise has benefited the bridge design community today and will continue to inform steel bridge designers of the future.” A graduate of Lafayette College and Lehigh University, Kulicki has more than 40 years of experience in bridge analysis and design. He joined Modjeski and Masters in 1974 and has led analysis and design work for numerous bridge projects including suspension, cablestayed, long-span truss and arch bridges, and girder bridges. He supervised the design of such notable structures as the long-span Second Blue Water Bridge between Port Huron, Mich., and Point Edward, Ontario, winning a 1997 ASCE Outstanding Civil Engineering Achievement Award and a Prize Bridge Award by NSBA in 2000.

Lifetime Achievement Award



◀ Tom Ferrell of Ferrell Engineering is nominated for his extensive contributions to the AISC *Specification* and *Manual* as a connection designer. He has generously and selflessly shared the experience, expertise and lessons he and his connection design company have learned to the great benefit of the design community and steel construction industry.

➤ Louis F. Geschwindner’s distinguished career of service to the design community tallied more than 40 years and culminated in his continuing service as professor emeritus of architectural engineering at the Pennsylvania State University. As an AISC vice president, Lou was responsible for leading the development of the 2005 AISC *Specification for Structural Steel Buildings* and the 13th Edition AISC *Steel Construction Manual*, as well as all other technical activities of the Institute. Today, he continues to serve on the AISC Committee on Specifications and to chair Task Committee 4, Member Design.



Lifetime Achievement Award (Continued)



◀ James O. Malley of Degenkolb Engineers is being honored for his decades of contribution and leadership on the AISC Committee on Specifications Task Committee on Seismic Design. He was a key figure in helping AISC meet the challenges that followed the Northridge Earthquake, and his technical contributions helped to form the foundation upon which the continued usefulness and success of steel in seismic design is based.

➤ Alexander D. Wilson is the Chair of the Steel Bridge Task Force and very active with NSBA members. He has been influential in the development of bridge material specifications and he was influential in the development of the latest high-performance steel (HPS70W). He has been this generation's key resource for metallurgical information on steel bridges.



Special Achievement Award



◀ Robert J. Connor, Ph.D., Associate Professor, Purdue University, is being honored for his work on fatigue and fracture of steel bridge structures. Connor rewrote the AREMA and AASHTO fatigue specifications, and his field measurements are the basis for the double cycle counts in the fatigue of orthotropic bridges.

➤ W. Samuel Easterling, Ph.D., Professor, Virginia Tech, is being honored for his research on composite construction, and his contributions to AISC 360, Chapter I, Design of Composite Members.



Special Achievement Award (Continued)



◀ Eric Hines of LeMessurier Consultants is honored for his innovative use of long-span steel truss framing and cast connections in the Wind Technology Testing Center in Charlestown, Mass.

➤ Keith Landwehr is being honored for his leadership in the AISC Certification Committee, his work on the 2010 *Specification*, and for his significant contributions to quality certification programs including helping in the development of Chapter N.



◀ Jim McMinimee of Utah DOT is being honored for his leadership and innovation in steel framing solutions for a self-propelled modular transportation system.

➤ John Parucki is being honored for his leadership and work as National Head Judge for more than 10 years in the Student Steel Bridge Competition.



For more information about the AISC awards programs, visit www.aisc.org/awards.