news

AISC NEWS

Babette Freund Joins AISC Board

Babette Freund, CEO and co-owner of Ritner Steel, Inc., Carlisle, Pa., was appointed to AISC's board of directors at its recent annual meeting in Scottsdale, Ariz. Freund has been an active member of the NASCC: The Steel Conference Planning Committee since 2007 and also is on the AISC Code of Standard Practice Committee.

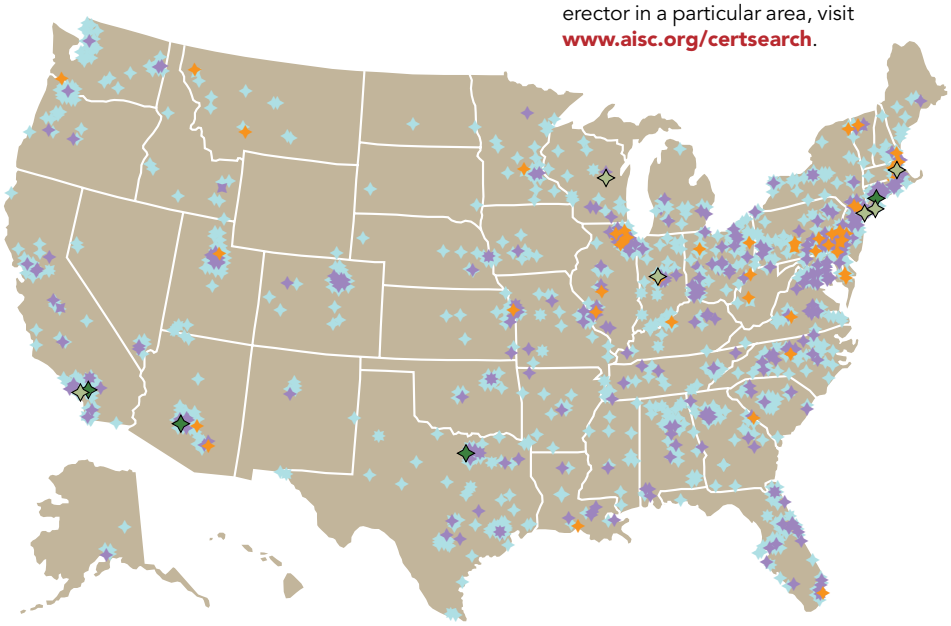
"Babette Freund has been a supporter of AISC for many years, both with her volunteering of time and expertise on the NASCC Committee," said AISC chair William B. Bourne of Universal Steel, Inc., Lithonia, Ga. "I am very happy to have her business experience and volunteering energy on our AISC board. I know she will be an asset in many ways and I thank her for her commitment."

Freund initially served as chief financial officer for Ritner Steel when she joined the company in 2004 and was also responsible for overseeing operations and project management. She has more than 30 years of experience in accounting, finance and management, with areas of emphasis in construction, not-for-profit entities, human service and insurance.

More information can be found in AISC's press release, available at **http://bit.ly/sOofLz**.

Newly Certified Facilities: October 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 Fabricator Facilities

Bergh's Fabricating, Inc., Willmar, Minn.
Cobb Industrial Inc., Marietta, Ga.
First Class Construction, LLC, Berlin, Conn.
Linita Design & Mfg. Corp., Lackawanna, N.Y.
Material Storage Systems, Inc., Humble, Texas
McFarlane Mfg. Company, Inc. Structural Division, Sauk City, Wis.
New Orleans Iron Works, Inc., Belle Chasse, La.
Paramount Metal & Supply Co., Paramount, Calif.
Trident Building Systems, Inc., Sarasota, Fla.

Newly Certified Erector Facilities

Cedar Valley Steel, Inc., Cedar Rapids, Iowa
P.S. Deppe Construction, Inc., Chatham, Ill.

People and Firms

- **R. Bradlee Fletcher**, S.E., has joined AISC member Atlas Tube, Chicago. As a sales engineer, he will deal primarily with the company's HSS and pipe piling products. Most recently with Tata Steel International, Fletcher previously held structural project engineering positions with Skidmore, Owings & Merrill and Halvorson & Partners Structural Engineers.
- **Ahmad M. Itani**, S.E., P.E., Ph.D., is the recipient of the 2011 Richard S. Fountain Award, which is presented by the Steel Market Development Institute (SMDI) Steel Bridge Task Force and the American Association of State Highway and Transportation Officials (AASHTO) Technical Committee for Structural Steel Design. The award is named for the founder of the Steel Bridge Task Force.
- **Stanley Grossman**, 80, of Norman, Okla., died October 15, 2011, after a long battle with malignant melanoma and a degenerative spine disorder. Always the innovator, Grossman developed the inverset system, one early form of accelerated bridge technology. Additional information is available at **http://bit.ly/ue4ASO**.
- **Leslie E. Roberts Associates** (LERA), New York, has opened an office in Shanghai. LERA has more than 40 years experience working in the region, where its notable projects have included the AIG Tower and Bank of China Tower, both in Hong Kong, and the Shanghai World Financial Center.
- **Dexter + Chaney** (**www.dexterchaney.com**) has created a new business unit to focus on innovative technology solutions for construction operations. The Dexter + Chaney Operations Group will deliver new construction software platforms and applications to those involved in construction operations across all phases of the project lifecycle, from pre-construction through live construction. The new group will announce its first product offerings in early 2012.

AWARDS

Michel Bruneau Receives 2012 T.R. Higgins Award

Michel Bruneau, P.E., Ph.D., professor of civil, structural, and environmental engineering (CSEE) at the University of Buffalo, N.Y., is the 2012 recipient of the AISC T.R. Higgins Lectureship Award. Presented annually, the award recognizes an outstanding lecturer and author whose technical papers are considered an outstanding contribution to the engineering literature on fabricated structural steel. Bruneau is being honored for his papers on steel plate shear wall design published in AISC's *Engineering Journal* and the proceedings of the Canadian Conference on Earthquake Engineering. Bruneau's *EJ* papers are available online at **www.aisc.org/ej**, downloadable for free by AISC members and by others for a nominal fee. The CCEE proceedings are available for purchase at **www.eeri.org**.

"The Higgins jury quickly identified Michel as a top candidate, and the subsequent discussions and deliberations served to further elevate him," said Charlie Carter, AISC vice president and chief structural engineer. "The jury noted in particular the impressive extent and breadth of Michel's contributions as a researcher and engineer."

Bruneau's abundant research includes the evaluation and retrofit of existing steel bridges and buildings subjected to large destructive forces up to collapse, as well as the development of new design concepts capable of providing satisfactory seismic resistance, blast resistance, or both simultaneously as multi-hazard resistant concepts. This research has encompassed contributions to the development and large-scale experimental validation of various energy-dissipating design concepts to enhance the resilience of structures against extreme events: ductile steel plate shear walls, ductile bridge diaphragms, tubular eccentrically braced frames, structural fuses and controlled-rocking piers.

He has conducted numerous exploration visits to disaster stricken areas and is a member of several professional and technical code-writing committees. He also served as director (2003-2008) and deputy director (1998-2003) of the Multidisciplinary Center for Earthquake Engineering Research, a National Center of Excellence funded by the National Science Foundation, the Federal Highway Administration and others. His past service to the profession includes participation in expert peer review panels, project advisory committees, special project design teams, conference advisory committees and journal editorial boards. Prior to his appointment in academia, he practiced as a consultant for architecture and engineering firms Morrison Hershfield Limited (Toronto), and Buckland and Taylor (Vancouver, British Columbia).

Bruneau has authored or co-authored numerous publications, including more than 100 referred journal papers, 200 papers in conference proceedings and two fiction books. He has received several awards for his technical work, as well as for his latest novel.

The AISC T.R. Higgins Award is named for Theodore R. Higgins, Ph.D., former AISC director of engineering and research,

who was widely acclaimed for his many contributions to the advancement of engineering technology related to fabricated structural steel. The award honors Higgins for his innovative engineering, timely technical papers and distinguished lectures. For more information on this award program, visit **www.aisc.org/TRHigginsAward**.

The award, which includes a $15,000 prize, will be presented at the 2012 NASCC: The Steel Conference (**www.aisc.org/nascc**) at the Gaylord Texan Convention Center in Dallas, April 18-20.

CALL FOR PAPERS

2012 Mining Structures Conference Call for Papers

The South African Institute of Steel Construction invites those involved with structures for mining and materials handling to share their experience and knowledge with international counterparts by submitting a paper abstract for the Structures for Mining and Related Materials Handling Conference in Vanderbijlpark, South Africa, October 15-18, 2012. Abstracts will be accepted until December 9, 2011.

For guidelines and requirements on submitting a paper abstract, visit the conference website at **www.smmh2012.co.za/papers.htm**.

The conference program includes technical sessions, workshops and exhibits and is intended for anyone involved with design, parameter setting, software supply, management, construction, operation and maintenance of structures for mining and materials handling.

You can view the full conference program at **www.smmh2012.co.za/programme.htm**.

PUBLICATIONS

The *Manual* Goes Digital

In response to industry requests, AISC is now offering a digital edition of its recently released 14th Edition *Steel Construction Manual* at **www.aisc.org/manuals**. This is a full version of the *Manual* in PDF form with digital rights management applied. Purchasers can view the entire *Manual*, print out sections, copy and paste from the file, and search for keywords, but can only download the file to a single computer and it cannot be transferred later.

Pricing for the digital edition is the same as for the printed version—$175 for AISC members and $350 for non-members. Purchased together, the set of printed and digital editions is just $275 for AISC members and $550 for non-members.

To purchase the 14th Edition *Manual* in printed or digital edition, or both, please visit **www.aisc.org/manuals**. Note that directions on how to access the digital download are provided under the Product Description for the digital edition. Please read the information carefully before making your purchase, because you must follow a specific process to ensure a successful download.

STANDARDS AND SPECIFICATIONS

AASHTO Approves Self-Indicating DTIs for Steel Bridges

The American Association of State Highway and Transportation Officials (AASHTO) recently passed a ballot that approves use of self-indicating Direct Tension Indicators (DTIs) as an option for indicating when at least the minimum required clamp load has been achieved in structural bolts on steel bridges.

Self-indicating DTIs will be included in the next revision of AASHTO's *LRFD Bridge Construction Specifications* making it easier for DOTs, engineers and construction personnel to specify, install and inspect this technology. Once in print, the *Specification* will be available in AASHTO's bookstore at **https://bookstore.transportation.org/**.

STANDARDS AND SPECIFICATIONS

Prequalified Seismic Moment Connection Standard Now Available

The 2010 AISC standard *Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications* (ANSI/AISC 358-10) is now available as a free download on the AISC website at **www.aisc.org/aisc358**. Released concurrently with a fully integrated supplement, the new standard now covers six connections:

- Reduced beam section moment connections
- Bolted stiffened and unstiffened extended end-plate moment connections
- Bolted flange plate moment connections
- Welded unreinforced flange-welded web moment connections
- Kaiser bolted bracket moment connections
- ConXtech CONXL moment connections

In addition to general requirements and limitations, each prequalified connection chapter includes a step-by-step design procedure.