

# NSCC EXPANDS TO INCLUDE NEW TRACKS ON ERECTION AND COMPUTERS

**S**IX TRACKS WILL BE OFFERED AT NEXT YEAR'S NATIONAL STEEL CONSTRUCTION CONFERENCE. New in 1996 will be sessions on computers and erection. In addition, specialized tracks will be offered on: engineering—technical; engineering—management; fabrication; and construction management.

"There was a lot of enthusiasm generated last year when we first introduced specialized tracks," explained Franklin B. Davis, chairman of AISC's NSCC Committee. "The two new tracks are designed to continue and expand on that excitement.

"There has long been a feeling in the engineering consulting community that the erection of steel buildings has not received as much attention as it should. Adding a track on erection should help bring some key issues to the forefront. And adding a computer track is a natural for the show, given its wide attendance from all segments of the steel industry. The advances being made in software have been tremendous during the past few years. The NSCC is an ideal forum where the user and the producer can get together to interface for the benefit of all parties," Davis concluded.

## MARCH 27-29 IN PHOENIX

The 1996 Conference will be held in Phoenix on March 27-29. The conference will kick off with a general session on Steel Erection & OSHA. Then, during the next two-and-a-half days, there will be 30 technical sessions. Also, on Friday morning, the 1996 T.R. Higgins Lecture (see sidebar) will be presented for the first time.

In addition to the 30 technical sessions, there will be an exhibit hall with nearly 70 product exhibitors. The sessions qualify

for continuing education credit and time also is available for extensive industry networking. Also, an extensive package of spouse/family activities are scheduled. And, as was successfully done at the San Antonio conference last year, all of the general sessions and some of the technical sessions will be simultaneously translated into Spanish.

## CONNECTIONS COURSE

As an added benefit, AISC will offer a Short Course on Connections on Saturday, March 30, 1996. The course is separate from the National Steel Construction Conference and requires a separate registration, though it will be held in the same hotel.

The morning session reviews

and proposes revised design methods for steel moment connections in major earthquakes. Both strengthening and weakening details are considered. Current research is showing that both methods can provide more reliable ductility for both retrofit and new construction conditions.

The afternoon session features the latest developments in the design of PR composite connections. Importantly, the session goes beyond the theoretical and discusses real-world applications of this new approach to steel framing systems.

To receive an information and registration packet, please call 800/787-0052 ext. 110 or write: National Steel Construction Conference, One East Wacker Dr., Suite 3100, Chicago, IL 60601-2001

## 1996 HIGGINS AWARD: TOTALLY TUBULAR

**T**he 1996 T.R. Higgins Lectureship Award has been awarded to Donald R. Sherman, P.E., a professor of civil engineering at the University of Wisconsin-Milwaukee. The award recognizes an outstanding lecturer and author whose technical papers have made an outstanding contribution to the engineering literature on fabricated structural steel.

Sherman earned the award for his papers on framed connections to HSS columns and the design of shear tabs with tubular columns. His eminently practical work examined the unique characteristics of HSS columns that influence the strength and rotational properties of the connections. In addition, his work suggested more economical connections and improved field practice for connections. His studies also helped to develop rules and guidelines for single plate framing connections (shear tabs) used to connect wide flange beams to tubular columns.

During the upcoming year, Sherman will give a minimum of six lectures, beginning at the National Steel Construction Conference, based on his papers.

Recent winners of this prestigious award have included: William A. Thornton for his work on connections; Lawrence Griffis for composite design; Roberto Leon for partially restrained connections; William McGuire for his papers on the art & science of computer design; Thomas M. Murray for serviceability; and Vitelmo V. Bertero for earthquake hazard reduction.

## UPCOMING EVENTS

**April 15-18: ASCE Structures Congress, Chicago**  
Contact ASCE at 212/705-7496.

**April 23-25: 1996 AWS International Welding and Fabricating Exposition, Chicago**

Contact the AWS Convention and Expositions Department, AWS, 550 NW LeJeune Road, Miami, FL 33126; 800/443-WELD.

**June 17-20: A/E/C Systems '96, Anaheim**

Contact: Sharon Price, A/E/C Systems '96, 415 Eagleview Blvd. #106, Exton, PA 19341-1153; 800/451-1196, fax: 610/458-7171.

(A calendar of upcoming events for all of 1996 is available for \$13 from the California Universities for Research in Earthquake Engineering. To obtain a copy, send a check to: CUREe, 1301 S. 46th St., Bldg. 451, Richmond, CA 94804-4698.)

## STRUCTURAL WELDING SEMINARS

**A** NEW SEMINAR ON STRUCTURAL WELDING will be offered in 18 cities this winter and spring. "Structural Welding: Design and Specification" is a seven-hour course incorporating the newly reorganized AWS Structural Welding Code D1.1-96, both AISC Specifications and new guidelines for welding in seismic regions. The seminar is geared for structural engineers as well as fabricators and erectors and will cover: weld design rules and

restrictions; ASD and LRFD design methods; fatigue design; use of prequalified joints and procedures; fabrication criteria; inspection functions and acceptance criteria; nondestructive testing; retrofitting; welding economics and constructability; welding symbols; introductory metallurgy, and guidelines for welded designs.

|                        |      |
|------------------------|------|
| Portland, ME .....     | 2/20 |
| Boston .....           | 2/21 |
| North Haven, CT .....  | 2/22 |
| New York City .....    | 2/27 |
| Philadelphia .....     | 2/28 |
| Columbia, MD .....     | 2/29 |
| Detroit .....          | 3/6  |
| Chicago .....          | 3/7  |
| Los Angeles.....       | 3/16 |
| Costa Mesa, CA .....   | 3/20 |
| Portland, OR.....      | 4/1  |
| Seattle.....           | 4/2  |
| Sacramento, CA .....   | 4/3  |
| San Francisco .....    | 4/4  |
| St. Louis .....        | 4/16 |
| Overland Park, KS..... | 4/17 |
| Dallas .....           | 4/30 |
| Houston .....          | 5/1  |

The fee for the seminar is \$145 per person. For more information, contact: Steel Structures Technology Center, 40612 Village Oaks Dr., Novi, MI 48375 ph: 810/344-2910; fax: 810/344-2911.

## LEAD PAINT

The Steel Structures Painting Council is holding its Ninth Annual Industrial Lead Paint Abatement and Removal Conference in Pittsburgh March 11-13. The conference deals with such subjects as: regulations; surface preparations and containment; health and safety issues beyond lead; and cost control.

For more information, contact: SSPC, 40 24th St., 6th Floor, Pittsburgh, PA 15222-1643 or call 412/281-9992 (fax: 412/431-5428.)

## MODERN STEEL CONSTRUCTION REPRINTS

**L**OOKING FOR A COPY OF AN ARTICLE THAT APPEARED IN A BACK ISSUE OF MODERN STEEL CONSTRUCTION? Single-copy, black & white reprints are now available for all issues from 1980 through today for a cost of \$12.50 per article regardless of length (fax service costs an additional \$2.50 per article).

Available at no charge is an index of Modern Steel Construction articles (1980-1995). To receive a copy of the index, simply call 800/644-2400 and request publication G500.

## AISC Professional Membership

**I**NTERESTED IN RECEIVING A FREE MANUAL OF STEEL CONSTRUCTION AND 25% DISCOUNTS on AISC publications, seminars and the National Steel Construction Conference? AISC professional members receive all this and, in addition, are eligible to serve on AISC Committees. Also, included with membership is a subscription to *Engineering Journal*.

Membership costs \$165 for the first year (\$225 for practitioners outside the U.S.).

For more information, contact: Libby Kop, AISC membership assistant, at 312/670-5409.