

Stress Alert

A call for papers has been issued for the **13th Space Simulation Conference** on "**The Payload—Testing for Success,**" to be held at the Sheraton Twin Towers, Orlando, FL on October 9-11, 1984. The conference, to be hosted by the **Institute of Environmental Sciences (IES)** and supported by AIAA, ASTM and NASA, will provide a forum for the exchange of information and ideas on current space-simulation technology and closely related disciplines as well as projections for testing requirements and technology development for the 1980's. Prospective authors should submit abstracts (three copies) to the Technical Program Chairman: Robert P. Parish, Jr., Martin Marietta Corporation, P.O. Box 179, MS S-0435, Denver, CO 80201. Papers are sought on the following subjects: space-simulation facilities, spacecraft testing, thermal protection, thermal simulation, space physics and shuttle payload.

Newport Corporation's newest holographic product, an instant automatic camera system, won the national **I-R 100 Award for technological achievement.** The HC-100 holographic camera harnesses the power of holography to inspect parts for minute flaws, such as subsurface voids and disbond defects in laminated structures. It also **analyzes vibrational resonances** in critical parts such as engine-turbine blades and computer disk drives. The award was presented to Douglas Pinnow, Newport's vice-president, in a ceremony at Chicago's Museum of Science and Industry on September 22, 1983. The I-R 100 Award winners are selected by an advisory board composed of internationally respected scientists and engineers, as well as the editors of *Industrial Research and Development*, a leading publication in the R&D field.

Hottinger-Baldwin Measurements, Inc. publishes a stress-analysis-related magazine written in German called **Messtechnische Briefe.** The magazine is supplied three to four times a year, free of charge. Interested persons should contact Manfred Rehkop, Product Specialist, Hottinger Baldwin Measurements, Inc., 139 Newbury St., P.O. Box 1500, Framingham, MA 01701; (617) 875-8282.

The **University of Texas at Austin** has received an unrestricted \$132,000 gift from the **Exxon Education Foundation**, New York, to support educational purposes in 17 UT programs in engineering, natural sciences, business, law, public affairs and communications. W.T. Slick, Jr., senior vice-president, Exxon Company, presented the gift to Peter T. Flawn, UT Austin president. The Department of Geological Sciences received the largest portion—\$23,000. The next largest—\$20,500—went to the Engineering Foundation.

New officers and directors of the **American Society for Nondestructive Testing (ASNT)** were selected at ASNT's annual business meeting at **QualTest-2 Conference and Exposition** at the Dallas Convention Center. G.C. Wheeler, General Electric Company, was named president of the Society. Among the other officers named were W.E. Widner, General Electric Company, vice president; R.R. Hardison, Newport News Shipbuilding & Dry Dock Co., treasurer; and D.E. Edwards, Intec Inspection, Inc.

Conferences/Exhibits

May 14-17, 1984. Second International Symposium on Shot Peening, Conrad Hilton Hotel, Chicago, IL. Contact Charles Schneider, Potters Industries, Inc., 377 Route 17, Hasbrouck Heights, NJ 07604; (201) 288-4700.

June 10-14, 1984. **FIFTH INTERNATIONAL CONGRESS ON EXPERIMENTAL MECHANICS**, Le Centre Sheraton, Montreal, Quebec, Canada. Contact SESA, 14 Fairfield Drive, Brookfield Center, CT 06805; (203) 775-6373.

September 3-7, 1984. International Association for Bridge and Structural Engineering, 12th Congress, Hotel Vancouver, British Columbia, Canada. Sponsored by the Canadian Society of Civil Engineering and the Canadian Group of the IABSE. Organized by the National Committee for the 1984 Vancouver Congress of the International Association for Bridge and Structural Engineering. Contact 1984 Vancouver Congress of IABSE, Canadian Congress Committee, c/o P.F. Adams (Dr.), Faculty of Engineering, University of Alberta, 5-1 Mechanical Engineering Building, Edmonton, Alberta, Canada T6G 2G8; (403) 432-3596.

September 17-21, 1984. International Union of Theoretical and Applied Mechanics (IUTAM) Symposium on 'Optical Methods in the Dynamics of Fluids and Solids,' Castle Liblice, near Prague, Czechoslovakia. Contact Miroslav Píchal (Professor Ing.), Symposium Chairman, Institute of Thermomechanics, Czechoslovak Academy of Sciences, Puskinovo n.9, CS 160 00 Prague 6, Czechoslovakia.

October 9-11, 1984. 13th Space Simulation Conference on 'The Payload—Testing for Success,' Sheraton Twin Towers, Orlando, FL. Sponsored by IES in conjunction with AIAA, ASTM and NASA. Contact Janet Ehmann, Deputy Executive Director, Institute of Environmental Sciences, 940 E. Northwest Highway, Mount Prospect, IL 60056; (312) 255-1561.

October 11-12, 1984. 'Progress in the Formulation of the Structural Analysis Problem Since Castigliano,' Aula Magna of Politecnico di Torino, Italy. Sponsored by the Politecnico's Department of Structural Engineering. Contact Dipartimento di Ingegneria Strutturale, Politecnico di Torino, Corso Duca degli Abruzzi 24-10129 Torino, Italy.

October 22-25, 1984. Symposium on Advances and Trends in Structures and Dynamics, Sheraton National Hotel, Washington, D.C. Sponsored by the George Washington University. Contact Ahmed K. Noor, George Washington University, Mail Stop 246, NASA Langley Research Center, Hampton, VA 23665; (804) 865-2897.

November 4-6, 1984. **1984 SESA FALL MEETING AND MANUFACTURERS' EXHIBIT**, Hyatt Regency-Milwaukee, Milwaukee, WI. Contact SESA, 14 Fairfield Drive, Brookfield Center, CT 06805; (203) 775-6373.

September 9-11, 1985. 19th Midwestern Mechanics Conference, Ohio State University, Columbus, OH. Contact S.H. Advani, Department of Engineering Mechanics, Ohio State University, Columbus, OH 43210; (614) 422-2731.