



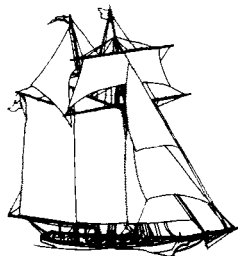
THE FOURTH INTERNATIONAL CONFERENCE ON RESIDUAL STRESSES: ICRS-4

June 8 - 10, 1994
Stouffer Harborplace Hotel
Baltimore, MD

The International Conference on Residual Stresses is held every third year. This year's ICRS-4 is held at the same location as the 1994 SEM Spring Conference and Exhibits, Baltimore, MD.

The Conference will deal with all aspects of internal and residual stresses in materials, advancing the theoretical and experimental analysis, and promoting a comprehensive understanding of the fundamental and applied aspects. Here is a listing of the ICRS-4 technical topics to be covered:

- Measurements Techniques: Diffraction; Mechanical; Ultrasonic; Miscellaneous
- Macro and Micro Stresses
- Residual Stresses in Composites
- Modeling and Prediction of Residual Stresses
- Advanced Surface Finishing
- Ceramics and Advanced Coatings
- Thin Film and Metallization
- Generation and Distribution of Residual Stresses
- Welding and Thermal Processing Stresses
- Behavior and Influence of Residual Stresses



1994 SEM SPRING CONFERENCE AND EXHIBITS

June 6 - 8, 1994
Stouffer Harborplace Hotel
Baltimore, MD

The 1994 SEM Spring Conference and Exhibits, in its 51st consecutive year, will consist of mini-conferences on a wide range of experimental mechanics, in both research and applications. Here is a brief look at the conference program:

PRE-CONFERENCE SEMINARS:

Four pre-conference seminars have been programmed for Sunday, June 5th. Topics will include interferometric optical fiber sensors, practical applications of optical fiber sensors, design and selection of signal conditioning and test planning, and moiré interferometry.

TECHNICAL PROGRAM: The 1994 technical program will feature over 180 technical presentations, during 43 sessions. Here is a sampling of the topics to be covered:

- Long Term Durability and Accelerated Testing of Composites
- Failure of Engineering Materials at High Temperature
- Hole Drilling Methods - ASTM Standard E837
- Dynamic Optics Sensing and Signal Processing
- Workshop on the Characterization of Time Dependent Material Behavior of Polymers and Composites
- Student Paper Competition
- Electronic Packaging
- Practical Applications of Optical Fiber Sensors

MANUFACTURERS' EXHIBITS:

Exhibits will be open Monday, June 6, 3:00 to 5:00 pm, Tuesday, June 7, 9:30 am to 4:30 pm, Wednesday, June 8, 9:30 am to 4:30 pm, as well as during scheduled coffee breaks. 1994 SEM Spring Conference exhibitors to-date are as follows:

- American Stress Technologies, Inc.
- APS Dynamics, Inc.
- BLH Electronics, Inc.
- Capacitec
- The Cooke Corporation
- Hi-Techniques, Inc.
- Hitec Products
- IBM Corporation
- JP Technologies, Inc.
- L.J. Broutman & Associates, Ltd.
- Measurements Group, Inc.
- Ometron, Inc.
- Strainoptic Technologies, Inc.
- Stress Photonics
- Technology for Energy Corporation
- Texas Measurements
- Wilcoxon Research, Inc.

AWARDS LUNCHEON: SEM President Gary L. Cloud will present Society awards in recognition of outstanding achievements in experimental mechanics and service to SEM. Cost is \$25.00 per person (please purchase tickets by Monday, June 6, 1994, at 10:00 am).

REGISTRATION: Advance registration deadline is **May 11, 1994**. A special registration fee has been established to allow those attending the SEM Spring Conference to also attend ICRS-4. Fee includes admission to all technical sessions, welcome reception, coffee breaks and a copy of the proceedings. Contact SEM for details.

INFORMATION: For more information regarding these conferences contact: Kathy Ramsay, Conference Administration; Michelle Skurat, Conference Registration; Joni Jones, Exhibit Sales; Society for Experimental Mechanics, Inc., 7 School Street, Bethel, CT 06801; (203) 790-6373; Fax (203) 790-4472; E-mail sem@transit.nyser.net.