

**April 6-9, 1987.** 'Advanced Material Technology '87'. Anaheim Convention Center, Anaheim, CA. Contact Sharon Lani, Society for the Advancement of Material and Process Engineering, 843 West Glenitana, P.O. Box 2459, Covina, CA 91722; (818) 331-0616.

**June 14-19, 1987. 1987 SEM SPRING CONFERENCE ON EXPERIMENTAL MECHANICS AND MANUFACTURERS EXHIBIT.** Wyndham Hotel Greenspoint, Houston, TX. Contact SEM, 7 School Street, Bethel, CT 06801; (203) 790-6373.

**June 17-19, 1987.** International Conference on Fracture of Concrete and Rock, held in conjunction with SEM's spring conference. Wyndham Hotel Greenspoint, Houston, TX. Contact SEM, 7 School Street, Bethel, CT 06801; (203) 790-6373.

**August 24-27, 1987.** Joint SEM/BSSM International Conference 'Advanced Measurement Techniques'. Imperial College of Science & Technology, London, England. Contact BSSM, Suite 7, 2nd Floor, Exchange Building, Quayside, Newcastle-Upon-Tyne NE1 3B1, United Kingdom.

**September 22-24, 1987.** Second International Conference on 'Testing, Evaluation and Quality Control of Composites.' Surrey University, Guildford, UK. Sponsored by the journals *Composites* and *NDT International*. Contact Stephen Snook, Butterworth Scientific LTD, P.O. Box 63, Westbury House, Bury Street, Guildford, Surrey GU2 5BH, UK; (0483) 31261.

**October 12-16, 1987.** Third International Conference on Shot Peening. Garmisch-Partenkirchen, Federal Republic of Germany. Contact Conference Secretariat, Deutsche Gesellschaft für Metallkunde e.V., Adenauerallee 21, D-6370 Oberursel, Federal Republic of Germany; 06171/4081.

**October 25-28, 1987. 1987 SEM FALL CONFERENCE ON EXPERIMENTAL MECHANICS: 'Dynamic Failure'.** Hyatt Regency Savannah, GA. Contact SEM, 7 School Street, Bethel, CT 06801; (203) 790-6373.

**June 5-10, 1988.** VI International Congress on Experimental Mechanics and Manufacturers Exhibit. Red Lion/Jantzen Beach, Portland, OR. Contact SEM, 7 School Street, Bethel, CT 06801; (203) 790-6373.

**November 6-9, 1988.** 1988 SEM Fall Conference on Experimental Mechanics and Table-Top Exhibit. Union Station/Holiday Inn, Indianapolis, IN. Contact SEM, 7 School Street, Bethel, CT 06801; (203) 790-6373.

## Seminars

**October 20-22, 1986.** Short Courses in Acoustic Emission. Sacramento, CA. Contact Gordon Schneider, Acoustic Emission Technology Corporation, 1824J Tribute Road, Sacramento, CA 95815; (916) 927-3861.

**October 29-31, 1986.** School of Acoustic Emission. Nassau Inn, Princeton, NJ. Contact Susan Farrar, Physical Acoustics Corporation, P.O. Box 3135, Princeton, NJ 08540; (800) 257-5140.

**December 2-4, 1986. SEM Seminar: 'Composite Materials: Analysis, Testing and Design'.** Holiday Inn O'Hare/Kennedy, Chicago, IL. Contact SEM, 7 School Street, Bethel, CT 06801; (203) 790-6373.

**December 2-4, 1986. SEM Seminar: 'Residual Stress'.** Holiday Inn O'Hare/Kennedy, Chicago, IL. Contact SEM, 7 School Street, Bethel, CT 06801; (203) 790-6373.

**December 8-12, 1986.** 'Fundamentals & Applications of Lasers'. San Diego, CA. Contact Marge Lee, Laser Institute of America, 5151 Monroe Street, Suite 102W, Toledo, OH 43623; (419) 882-8706.

**February 2-6, 1987.** School of Acoustic Emission. Holiday Inn, Laguna Hills, CA. Contact Marylyn Milburn, Dunegan Corporation, 19B Thomas, Irvine, CA 92718; (800) 523-0599.

**March 9-13, 1987.** 'Measurement Systems Engineering' Short Course. Phoenix, AZ. Contact Peter K. Stein, 5602 East Monte Rosa, Phoenix, AZ 85018; (602) 945-4603.

**March 16-20, 1987.** 'Measurement Systems Dynamics' Short Course. Phoenix, AZ. Contact Peter K. Stein, 5602 East Monte Rosa, Phoenix, AZ 85018; (602) 945-4603.

**May 11, 1987.** 'Introduction to Acoustic Emission for Nondestructive Testing.' Norman, OK. Contact Dr. Davis Egle, 865 Asp Avenue, Room 212, University of Oklahoma, Norman, OK 73019; (405) 325-5011.

## PROCEEDINGS 1986 SEM SPRING CONFERENCE ON EXPERIMENTAL MECHANICS

The 1986 SEM Spring Conference, held in New Orleans, LA on June 9-14, generated a notable proceedings of over 150 papers. Among the titles included are:

**Load Versus Strain Control in Fracture Energy Measurements for Concrete • Digital Waveform Recorders for Dynamic Strain Measurements • Transducer for Intersegmental Pressure Measurement During Commutator Building • Impact and Longitudinal Wave Propagation • Load Analysis of a Mold Chain Using a Digital Data Logger • Basic Considerations in the Measurement of Dynamic Strain Mode Shapes by Modal Analysis • The Impact of Experimental Measurement Errors on Long-Term Viscoelastic Predictions • A Holographic Technique to Measure Residual Stresses • New Experimental and Analytical Results for Diffusion and Swelling of Resins Used in Graphite/Epoxy Composite Materials • Loading Rate Effect on Interlaminar Fracture Toughness of a Thermoplastic Composite • A Simple Method for Measuring Local Buckling of Thin-Walled Steel Members • Crack Propagation Along a Weakling Bonded Polymeric Plane • Determining the Contact Force During the Transverse Impact of Plates • Transmission Photoelasticity of Orthotropic Plates • Measurement of Rheologic Parameters of the Cell Membrane by a Diffractometric Method • Delamination in**  
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