

PROF. ALBERT S. KOBAYASHI ELECTED AS AN HONORARY MEMBER. The highest recognition that SEM can bestow is that of Honorary Membership. Honorary Members are limited to no more than 10 at any given time. To qualify one must be "an individual of widely recognized eminence in the field of experimental mechanics." The person is elected for life by a unanimous secret ballot of the SEM Executive Board. Prior to the vote, a petition signed by at least 25 members is forwarded to the secretary. Prof. Kobayashi's petition contained the names of 85 colleagues who attested to his worthiness to have this honor bestowed upon him.

Dr. Kobayashi has received numerous awards within SEM and ASME, all of which will be detailed in a formal presentation to be held on June 7, 1994 at SEM's Spring Conference in Baltimore, MD.

As SEM's president 1989-1990, Dr. Kobayashi was instrumental in forging a strategic alliance with the Materials and Mechanics Division of the Japan Society of Mechanical Engineers. He is also widely known for his work as the technical editor of the *Handbook on Experimental Mechanics* and *Manual on Experimental Stress Analysis*.

Dr. Kobayashi now joins that august group of previous recipients which include: J. Hans Meier, Daniel C. Drucker, August J. Durelli, Thomas J. Dolan, Charles E. Taylor, James W. Dally, William F. Riley, Greer Ellis and Fred C. Bailey.

"FROM FIELD VIBRATION DATA TO LABORATORY SIMULATION" is the topic of the 1994 Murray Lecturer, Dr. Ken McConnell, Iowa State University. Dr. McConnell has been

on the faculty for 36 years. His areas of interest are dynamic instrumentation, vibration techniques, robotics, and fluid structure interaction. He is the co-author of the *Instrumentation for Engineering Measurements Handbook (second edition)*, and will shortly finish a text on *Fundamentals of Vibration Testing*.

The lecture will be presented on Wednesday, June 8, 1994 during a special session of the SEM Spring Conference. An abstract of the presentation states: *"The objective of a test program is to simulate a specified environment at a known overttest. The question is, 'How do I go from field test data to a laboratory simulation?' This paper examines a simple situation of a two degree of freedom vehicle that has a broadband excitation source and a two degree of freedom test item that can be attached to the vehicle. It is shown that significantly different data is obtained dependent on field test conditions, as well as vastly different simulation results are obtained when using these different field data as laboratory inputs."*

Dr. McConnell will review a relatively simple theoretical model that explains how field data can be modified to obtain a more realistic laboratory test environment.

INTERNATIONAL CONGRESS ON RESIDUAL STRESSES: ICRS 4 is programmed every 3rd year and is a true representation of the state of the technology worldwide. ICRS 4 will be held June 8-10, 1994 in Baltimore, MD. While this is the 4th iteration, it is the first time that ICRS is being held in the U.S. Technical topics to be presented are: Measurement Techniques-Diffraction, Ultrasonics; Macro and Micro Stresses; Residual

Stresses in Composites; Modeling and Prediction of Residual Stresses; Advance Surface Finishing; Ceramics and Advance Coatings; Thin Film and Metallization; Generation and Distribution of Residual Stresses; Welding and Thermal Processing Stresses and Behavior and Influence of Residual Stresses. A conference proceedings will be available from SEM by May 15, 1994. For details contact SEM Headquarters, 7 School St., Bethel, CT 06801; (203) 790-6373; Fax (203) 790-4472; E-mail sem@transit.nyser.net.

LMS INTERNATIONAL HAS ACQUIRED NUMERICAL INTEGRATIONS TECHNOLOGIES (NIT).

LMS is a world leader in the field of testing systems and CAE software for noise, vibration and fatigue analysis. The acquisition of NIT, which is renowned for its innovative acoustic simulation software, SYSNOISE, supports LMS' plan to expand into vibro-acoustic CAE. This move promises to benefit both LMS and NIT customers, and positions them securely in the noise and vibration engineering field well into the future.

PAST ANNUAL SEM PROCEEDINGS OFFERED.

The estate of deceased SEM member Ferdi Stern, of Wayland, MA, is offering a collection of SEM annual proceedings dating back to 1952. The collection of approximately 100 volumes of excellent reference material on experimental mechanics is available for a minimum donation to the SEM Education Foundation of \$400.00 plus shipping. If interested, contact Ken Galione at SEM headquarters, 7 School Street, Bethel, CT 06801; (203) 790-6373; Fax (203) 790-4472; E-mail sem@transit.nyser.net.