INTERNATIONAL UNION OF MATERIALS RESEARCH SOCIETIES

Newman and Wu Receive IUMRS Sōmiya Award

The first Sōmiya Award was presented to James C. Newman of NASA Langley Research Center (USA) and X.R. Wu of the Beijing Institute of Aeronautical Materials (China). The award was presented by Shigeyuki Sōmiya of Teikyo University of Science and Technology in Japan at the E-MRS-IUMRS-ICEM* 2000 meeting in Strasbourg, France, on May 31, 2000. An honorarium and a miniature copy of a sculpture by the Dutch-American artist Frederick Franck were given to each of the recipients. After the award presentation, each award recipient gave part of a talk entitled "Small-Crack Growth and Fatigue Life Predictions for High-Strength Aluminum Alloys."

The cross-continent collaborative work of Newman and Wu on the "small crack effect" in common U.S. and Chinese aeronautical materials was selected by the Awards Commission as most significant among the year 2000 nominees.

Newman and Wu's collaboration began in 1986 and spanned a total of eight years. The program has advanced the state of the art in fatigue and fracture mechanics, and has provided aerospace industries with data from experiments and with efficient analysis methods for improving life prediction. These results should ultimately improve the reliability and safety of aircraft structures, an outcome worthy of recognition at all levels of the materials and manufacturing communities. The work is cited often, and several invited talks have been delivered in the years since Newman and Wu's collaboration.

Shigeyuki Sōmiya (Teikyo University of Science and Technology, Japan) presents the first Sōmiya Award to X.R. Wu of the Beijing Institute of Aeronautical Materials, China (right), and James C. Newman of NASA Langley Research Center, USA (left), at the E-MRS-IUMRS-ICEM-2000 meeting in Strasbourg, France, on May 31.

* European Materials Research Society–International Union of Materials Research Societies–International Conference on Electronic Materials.

UPCOMING CONFERENCE

Royal School of Mines, Imperial College, Celebrates 150 Years of Metallurgy and Materials

The Royal School of Mines within the Department of Materials at the Imperial College of Science, Technology, and Medicine, London, will mark its 150th anniversary by holding an international conference, "Materials Science and Engineering: Its Nucleation and Growth," on May 14–15, 2001. The meeting aims to identify the key role that the subject has had on industry and society and point to future opportunities and priorities. The scope will cover structure, processing, and performance of materials intended for diverse applications, such as aerospace, structures, information technology, medicine, and energy generation.

The conference will be structured around a series of keynote lectures from leaders of the research and industrial communities, many of whom have their professional origins in the department at Imperial College. Speakers to date include W.A. Bonfield (Cambridge), J. Edington (Corus), K. Harris (Cannon Muskegon), J.A. Kilner (Imperial College), P. Price (Rolls-Royce), A.J. Windle (Cambridge), R.J. Brook (EPSRC), A.G. Evans (Princeton), L.L. Hench (Imperial College), D. Larbalastier (Wisconsin), G. Savage (Pröst Grand Prix), A. Chatterjee (Tata Steel), D. Fray (Cambridge), S. Ion (BNFL), D. Pettifor (Oxford), and K. Scrivener (Lafarge).

This meeting will follow a celebration of the 150 years of the Royal School of Mines that encompasses all disciplines currently active in RSM, to be held on May 11–12, 2001.

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