

Members in the News

Shipilov to Chair NACE International Corrosion Mechanisms Committee



Dr. Sergei A. Shipilov, consultant, Metallurgical Consulting Services Ltd., Calgary, Alberta, and chair of the ASM Canada Council, was appointed chair of the NACE International Committee STG 60 on Corrosion Mechanisms. A member of NACE International since 1997, Shipilov is a past chair of the Committee TEG 186X on Environmentally Assisted Cracking and has served on the Northern Area (Canada and Alaska) Board and chaired the Toronto Section of NACE International. He currently chairs the Canadian Corrosion Education Council and serves on the Research Committee and the Committee STG 08 on Corrosion Management of NACE International. He is editor of the two-volume *Environment-Induced Cracking of Materials* and *Minimizing Infrastructure Corrosion*. His research findings in the fields of stress-assisted localized corrosion, fatigue-crack propagation and fracture in aqueous environments have been used in nuclear power generation, aerospace, naval, medical device, petrochemical, and infrastructure technologies. His work has been recognized with several awards, including the 2010 Technical Achievement Award and the 2007 Distinguished Service Award from NACE International.

Sandia researcher Moody named MRS Fellow



Sandia National Laboratories researcher **Neville Moody**, FASM, was named Fellow in the Materials Research Society (MRS), which honors MRS members for their research accomplishments and contributions to materials research worldwide. Moody was recognized "for outstanding research characterizing the deformation and fracture of materials, for service shaping the quality of professional society activities, and for mentoring generations of students, professors and researchers." Moody joined Sandia in 1981, his research focused on the determination of hydrogen effects on deformation and fracture in titanium, stainless steels, and superalloys using experimental testing, modeling, and simulation techniques. For the past 15 years, his research has included the study of deformation and fracture on the submicron scale in thin films and small volumes. Moody has given more than 100 invited presentations and authored or co-authored more than 170 publications, including invited reviews and a chapter in the encyclopedia on *Comprehensive Structural Integrity*. He is on the board of review for *Metallurgical and Materials Transactions* and is an active member of several MRS and TMS committees.

Suresh to Be Nominated to Serve as Next NSF director

U.S. President Barack Obama announced he intends to nominate **Subra Suresh**, FASM, dean of the MIT School of Engineering, to serve as the next director of the National Science Foundation. If confirmed by the U.S. Senate, Suresh, the Vannevar Bush Professor of Engineering at MIT, would be appointed to a six-year term as director. Suresh has contributed to a range of fields in engineering and science, and



has expanded his research interests to encompass materials, nanotechnology and the life sciences, and has most recently done extensive work on the red blood cell and its nanobiomechanical properties as they influence a variety of diseases. Suresh is the author of numerous articles and co-inventor on more than 12 U.S. and international patents. He is author or co-author of several books, including *Fatigue of Materials and Thin Film Materials*. Suresh received his bachelor of technology degree from the Indian Institute of Technology, Madras, in 1977, his M.S. from Iowa State University in 1979 and his Sc.D. from MIT in 1981. He joined Brown University as an assistant professor of engineering in December 1983, and joined MIT in 1993 as the R. P. Simmons Professor of Materials Science and Engineering. Suresh is the recipient of the 2007 European Materials Medal, the highest honor conferred by the Federation of European Materials Societies, and the 2006 Acta Materialia Gold Medal. He has been elected to the U.S. National Academy of Engineering, the American Academy of Arts and Sciences, the Indian National Academy of Engineering, and the German National Academy of Sciences, the Indian Academy of Sciences, and the Spanish Royal Academy of Sciences.

Zubek Joins Exova

Exova, Glendale Heights, Ill., named Luke Zubek, PE, as a senior lead metallurgical engineer at its Materials Testing Laboratory. Formerly technical director at the Spring Manufacturers Institute (SMI), Oak Brook, Ill., Luke will be part of the Engineering Services Group at the Glendale Heights Lab. With more than 25 years of industry experience, including ten years at Inland Steel, he will be primarily involved with failure analysis and consulting. He received his masters degree in metallurgy and materials from Illinois Institute of Technology.

IN MEMORIAM

Dr. Franz R. Brotzen, FASM and Life Member, past chairman of the Houston Chapter, passed away in Houston in May 2010. He was 94. Dr. Brotzen received his B.S., M.S. and Ph.D. degrees from Case Institute of Technology in Cleveland. He came to Rice University in Houston in 1954 to establish a materials science department. Franz was an internationally recognized researcher and educator. He served as the dean of engineering at Rice from 1962 until 1966. Dr. Brotzen retired in 1986 as the Stanley C. Moore professor emeritus of materials science. He continued his research and taught each semester through the spring of 2009.

Word has been received at ASM Headquarters of the deaths of members **Steven B. Ellison** (Cleveland Chapter), and **Samuel M. Jacobs**, FASM, (Phoenix Chapter).

Please submit news of ASM and its members, chapters, and affiliate societies to Ed Kubel, ed.kubel@asminternational.org