

Members in the News



Wang inducted into Chinese Academy of Sciences

Georgia Tech Prof. **Zhong Lin Wang** is one of six foreign scientists selected as academicians to be inducted into the Chinese Academy of Sciences (CAS) in 2009. Wang is the youngest foreign academician to be inducted, and the first from any Georgia educational institution. He also is the first foreign member to be named by CAS among the half million Chinese students sent overseas to study since 1980. Wang's acclaimed work in materials science and nanotechnology stood out to the academy members who championed his membership. A CAS academician title is the highest Chinese academic achievement in science and technology and a lifelong honor. New foreign members are added every two years, with no more than 60 total native and six foreign academicians chosen during each election. Dr. Ze Zhang, an executive member of the CAS who spearheaded Wang's membership says Wang "is one of the best overseas Chinese professors in the field of materials science and physics worldwide. His discoveries and inventions involving nano-electricity motors-generators have been well recognized by the international science community and the general public as one of the most influential technologies of the next decade." An induction ceremony for Wang and the other new academicians will be held in June in Beijing.



Shipilov receives NACE Technical Achievement Award

Dr. Sergei A. Shipilov, consultant, Metallurgical Consulting Services Ltd., Calgary, Alberta, Canada, and chair of the ASM Canada Council, was chosen to receive the 2010 Technical Achievement Award from NACE International, Houston, Texas. The award recognizes individuals for exceptional technical achievements in corrosion engineering and research that have had significant impact on the practice of cor-

rosion control or the enhancement of the profession of corrosion engineering. Dr. Shipilov is recognized for "developing the first successful method for quantitatively defining the role of hydrogen-induced cracking and stress-assisted dissolution in corrosion fatigue crack propagation and for providing innovative metallurgical and corrosion engineering solutions for a wide range of technologies in nuclear power generation, aerospace, naval, medical device, and pipeline industries." Dr. Shipilov's expertise is in the area of environmental effects on the chemical and mechanical properties and integrity of materials. He is editor of the two-volume *Environment-Induced Cracking of Materials* (Elsevier 2007), and has published and consulted widely on materials degradation, corrosion and fracture in aqueous (ambient as well as high temperature and pressure) environments. Dr. Shipilov earned his Ph.D. from the Institute of Physical Chemistry of the USSR Academy of Sciences. The award will be presented March 17 at the 65th NACE Annual Awards Dinner during the CORROSION 2010 Conference in San Antonio, Texas.



Singh elected 2010 Fellow of Optical Society of America

Dr. Narsingh Bahadur Singh, FASM, Advanced Technology Laboratory, Northrop Grumman Corp. Electronic Systems, headquartered in Baltimore, Md., was elected as Fellow of the Optical Society of America (OSA) in the class of 2010 for his contribution to the growth, design, and development of novel crystals for optical devices. Dr. Singh also is a Fellow of SPIE (The International Society of Optical Engineering) and is a member of the American Ceramic Society, TMS, and the Sigma Xi Scientific Research Society.

Stoller is ASTM Chairman of the Board for 2010

Dr. Roger E. Stoller, FASM, distinguished research staff, Oak Ridge National Laboratory (ORNL), Oak Ridge, Tenn., is the 2010 chairman of the board of directors of ASTM International, W. Conshohocken, Pa. Stoller is program manager for fusion reactor materials in the ORNL Materials Science and Technology Div., and is a co-principal investigator for the ORNL Energy Frontier Research Center on Defect Physics. Since 1986, Stoller has been a member of ASTM Committee E10 on Nuclear Technology and Applications, is a member of ASTM Committee C26 on Nuclear Fuel Cycle, and was a member of the ASTM Committee on Publications from 1993-2003. He also is a member of the Materials Research Society, and a Fellow of the American Nuclear Society, where he is a former chairman of the Fusion Energy Division. Stoller earned B.S. and M.S. degrees in nuclear engineering from the University of California, Santa Barbara, and the University of Wisconsin, Madison, respectively. In 1987, he earned a Ph.D. in chemical engineering from the University of California, Santa Barbara.



IN MEMORIAM

Leonard Samuels — Metallurgist, Microscopist, Metallographer

Dr. Leonard E. Samuels, FASM, Life Member, of Burwood, Victoria, Australia, passed away at the age of 87. He was one of the best-known Australian metallurgists of his generation. He built his expertise as an optical microscopist and metallographer during his career working for Australia's Munitions Supply Laboratories, later named the Defence Standards Laboratories. Recognizing the importance of surface preparation, he sought to apply more scientific practices to metallography. His book, *Metallographic Polishing by Mechanical Methods*, published by ASM International, extended to four editions. He authored *Optical Microscopy of Carbon Steels*, and its updated edition, *Light Microscopy of Carbon Steels*, also published by ASM International. He earned his undergraduate degree in metallurgical engineering from the University of Brisbane, Australia, and in 1958 the University of Melbourne, Australia, conferred the degree of Doctor of Science on him for an external thesis based on his published work. One of his more novel projects involved investigating the metallurgy of the cast iron cannons that had been jettisoned from Captain Cook's vessel, *Endeavor*, in 1770 when it ran aground on the Great Barrier Reef.

Word has been received at ASM Headquarters of the deaths of Life Members **Jacob G. Gantner**, Dayton, Ohio (Dayton Chapter); **Nathan F. Fuller**, Silver Spring, Md. (Washington, DC Chapter); and **R.F. Dickerson**, Columbus, Ohio, (Columbus Chapter).

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