ASM’S 2008 Class of Fellows

In 1969, ASM established the Fellow of the Society honor to provide recognition to members for their distinguished contributions to materials science and engineering and to develop a broadly based forum of technical and professional leaders to serve as advisors to the society. Following are the members recognized by their colleagues for 2008. Additional Fellows may be elected to this distinguished body in subsequent years. The solicited guidance, which the Fellows will provide to the Board of Trustees, will enhance the capability of ASM as a technical community of materials science and engineering in the years ahead.

Dr. Tae M. Ahn
Senior Materials Engineer
US Nuclear Regulatory Commission
Washington, DC
For serving the Nuclear Regulatory Commission (NRC) and developing models for high-level waste management that are being applied to workers in the US and elsewhere.

Dr. Mufit Akinc
Professor & Chair
Iowa State University
Ames, Iowa
For contributions to the science and technology of ceramic and alloy powders, and for leadership in materials education.

Dr. David M. Bowden
Technical Fellow
The Boeing Company
St. Louis, Missouri
For significant and sustained contributions to the development of new materials and processes for aerospace systems to improve performance and affordability.
Prof. Nikhilesh Chawla  
*Professor, School of Materials*  
*Arizona State University*  
*Tempe, Arizona*  
For significant contribution and analytical modeling of fatigue behavior of materials and innovative characterization of single and multiphase microstructures.

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Dr. Sunniva R. Collins  
*Technology Director*  
*Swagelok*  
*Solon, Ohio*  
For leadership and innovative contribution to the technological advances in stainless steels used in fluid systems applications.

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Mr. Ralph C. Daehn  
*President*  
*RC Daehn P.C.*  
*Wayne, Illinois*  
For lifelong commitment in mentoring young engineers and students to design/innovation and outstanding contributions to aerosol can innovation and manufacturing technology.

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Dr. David L. Ellis  
*Materials Research Engineer*  
*NASA Glenn Research Center*  
*Cleveland, Ohio*  
For development of new high temperature, high conductivity copper-based alloys and composites for turbine and rocket engine applications.
Dr. Robert W. Hendricks
Professor
Virginia Polytechnic Institute & State University
Blacksburg, Virginia
For outstanding contributions to the characterization of materials using x-ray and neutron scattering techniques.

Dr. Paul E. Krajewski
Laboratory Group Manager
GM Research & Development Center
Warren, Michigan
For outstanding contributions to the forming technologies, and innovative manufacturing of aluminum and magnesium sheets materials for automotive applications.

Dr. David L. McDowell
Professor
Georgia Institute of Technology
Atlanta, Georgia
For advancing state of knowledge in microstructure property relationships of structural materials.

Dr. D. Scott MacKenzie
Technical Specialist
Houghton International Inc.
Valley Forge, Pennsylvania
For original contributions including seminal work with respect to non-ferrous heat treat and microstructure research and development.

Mr. Somuri V. Prasad
Principal Member of Technical Staff
Sandia National Laboratories
Albuquerque, New Mexico
For recognition of outstanding contributions to the filed of tribology, tribological coatings and metal matrix composites.
Dr. Seeram Ramakrishna  
*Dean of Engineering*  
*National University*  
*Singapore*  
For pioneering research on polymer composites, biocomposites and nanofibers.

Dr. Kumar Sridharan  
*Research Professor*  
*University of Wisconsin*  
*Madison, Wisconsin*  
For contributions to the field of plasma-based surface engineering and synthesis of materials and materials research.

Prof. Sudipta Seal  
*Associate Professor*  
*University of Central Florida*  
*Orlando, Florida*  
For pioneering the development of multicomponent surface engineered oxides for a multitude of industrial applications.

Dr. John M. Tartaglia  
*Engineering Manager*  
*Stork Climax Research Services*  
*Wixom, Michigan*  
For contributions in alloy development and testing of metallic and semiconductor materials and extensive research, failure analysis and publication on fatigue, mechanical testing and materials performance.

Dr. Dan J. Thoma  
*Institute Leader*  
*Los Alamos National Laboratory*  
*Los Alamos, New Mexico*  
For outstanding contributions to the design and development of alloys in support of national security programs.
Mr. Steven M. Tipton  
Professor  
The University of Tulsa  
Tulsa, Oklahoma  
For sustained and innovative contributions to the development of fatigue and plasticity properties of coiled tubing materials and development of professionals in the materials field.

Dr. Yoshiki Tsunekawa  
Professor  
Toyota Technical Institute  
Nagoya, Japan  
For outstanding contributions to the development of thermal spray through his innovative research and leadership in Japan and on the international scene.