




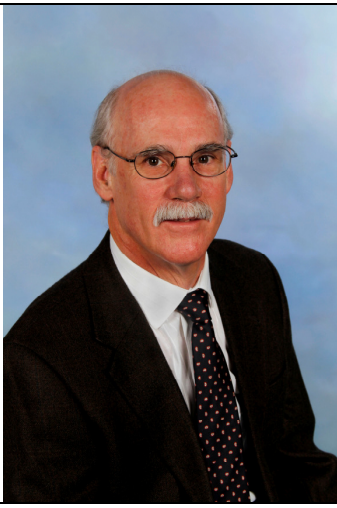
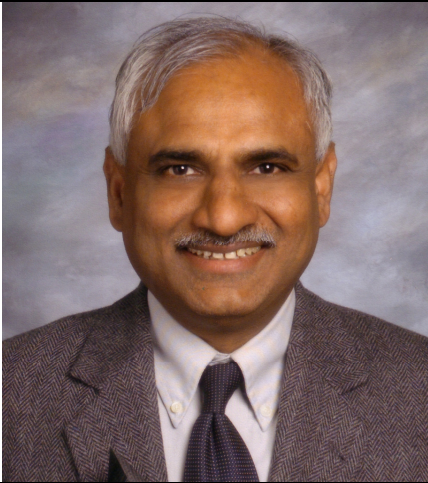


ASM'S 2011 Class of Fellows

	<p>Prof. John A. Agren Professor Royal Institute of Technology KTH Stockholm, Sweden</p> <p>"For seminal contributions related to thermodynamic and kinetic aspects of microstructural evolution during processing and application of materials, and for leadership in the development of graduate and undergraduate students in pure and applied fields"</p>
	<p>Dr. Kevin R. Anderson Mercury Fellow Mercury Marine Fond Du Lac, Wisconsin</p> <p>"For outstanding technological contributions to the aluminum manufacturing industry, and for numerous professional, technical and scientific achievements and commercially important patents."</p>
	<p>Mr. William J. Bernard, Jr. President & CEO Surface Combustion, Inc. Maumee, Ohio</p> <p>"For innovation and advances in furnace technologies and for his leadership in support of education for the heat treating industry."</p>

	<p>Dr. Ann Bolcavage Manager – Surface Engineering Rolls-Royce plc Derby, United Kingdom</p> <p>"For innovative contributions in the development and commercialization of coating materials and surface engineering processes, and for outstanding service to ASM International and the Thermal Spray Society."</p>
	<p>Dr. L. Scott Chumbley Professor Iowa State University Ames, Iowa</p> <p>"For outstanding achievements in recruiting and mentoring of Materials Science & Engineering students, and in the development of WEB based SEM technology used by K-12 students worldwide."</p>
	<p>Dr. Robert D. Field Scientist 4 Los Alamos National Laboratory Los Alamos, New Mexico</p> <p>"For applied research of superalloys, intermetallic compounds, and beryllium alloys, dislocation and deformation analysis, and characterization of deformation mechanisms in uranium alloys through excellence in crystallography and electron microscopy."</p>

	<p>Prof. Donato Firrao Dean of Engineering 1 Professor of Technology of Metallic Materials Politecnico di Torino Torino, Italy</p> <p>"For his researches on Mechanical Metallurgy and Surface Engineering, with outstanding contributions in modeling steel microstructure-fracture mechanics as well as surface layer characteristics in nitrided steels."</p>
	<p>Mr. David J. Fitzgerald President Precision Surfaces International Houston, Texas</p> <p>"In recognition of distinguished contributions to the field of materials science and metallography through technical marketing and volunteer service."</p>
	<p>Prof. Masahiro Fukumoto Professor Toyohashi University of Technology Toyohashi, Japan</p> <p>"For outstanding contributions to thermal spray science and technology and for mentoring of students."</p>
	<p>Mr. David W. Gandy Program Manager, Technology Innovation Electric Power Research Institute (EPRI) Charlotte, North Carolina</p> <p>"For outstanding leadership and excellence in developing materials, welding technologies, and advanced lifetime prediction methodologies that significantly impact the electric power generation industry."</p>



Dr. Sivaraman Guruswamy

Professor
University of Utah
Salt Lake City, Utah

"For outstanding contributions to the development of iron-gallium magnetorestrictive alloys and lead cable sheathing alloys, as well as for outstanding mentoring of students."



Dr. Camden R. Hubbard

Distinguished R&D Staff Member and
Leader of the Diffraction and Thermophysical Properties Group
Oak Ridge National Laboratory
Oak Ridge, Tennessee





"For exceptional leadership and innovation in applying X-ray and neutron diffraction methods in materials science, and for developing a world-class neutron residual stress capability at the national Spallation Neutron Source."









Dr. Brad James, P.E.

Director and Principal
Exponent, Inc.
Menlo Park, California

"For significant contributions to the failure analysis field and as an educator and author."

	<p>Prof. Surya R. Kalidindi Professor Drexel University Philadelphia, Pennsylvania</p> <p>"For outstanding scientific and technical contributions in the field of plasticity and microstructural design and outstanding leadership in materials education and training."</p>
	<p>Dr. Vistap M. Karbhari Provost and Executive Vice-President for Academic Affairs Professor, Department of Mechanical and Aerospace Engineering Professor, Department of Civil and Environmental Engineering University of Alabama Huntsville, Alabama</p> <p>"For fundamental discoveries and developments in the processing and mechanics of composite materials for structural applications."</p>
	<p>Ms. Deniece R. Korzekwa Nuclear Materials Science Group Leader Los Alamos National Laboratory Los Alamos, New Mexico</p> <p>"For outstanding contributions in the field of casting, fluid flow and solidification modeling of actinide metals, and impact of that research on national security. In further recognition of her tireless mentoring and outreach to our next generation scientists and service to ASM International, especially the Los Alamos Chapter."</p>
	<p>Dr. Michael J. Mills Taine G. McDougal Professor of Engineering The Ohio State University Columbus, Ohio</p> <p>"For his elucidation of the atomic scale mechanisms that control the high temperature mechanical properties of advanced structural alloys through the use of high resolution transmission electron microscopy."</p>

	<p>Dr. Amit Misra Scientist, Center for Integrated Technologies Co-Director, Energy Frontier Research Center Los Alamos National Laboratory Los Alamos, New Mexico</p> <p>"For significant contributions to fundamental understanding of the mechanical behavior, radiation damage, and stability of metallic materials, particularly micro and nanolayered materials."</p>
	<p>Dr. Roumiana Slaveva Petrova University Lecturer New Jersey Institute of Technology Newark, New Jersey</p> <p>"For excellence in teaching, dedicated promotion of materials science as a profession, and sustained research and commercialization of advanced boron diffusion coatings."</p>
	<p>Dr. Raju V. Ramanujan Associate Professor Nanyang Technological University Singapore</p> <p>"For scientific and professional contributions to the field of nanomaterial's with specific applications to energy and bioengineering applications. For leadership in education and student training."</p>

	<p>Prof. Roger C Reed Professor and Director of Research University of Birmingham Birmingham, United Kingdom</p> <p>"For research accomplishments and academic achievement in high temperature materials and processes, particularly the nickel-based superalloys and the application of numerical modeling methods, and for leadership and training of young persons in high temperature materials technology."</p>
	<p>Prof. James F. Shackelford Professor University of California, Davis Davis, California</p> <p>"For outstanding achievements as an inspiring teacher and educator in materials engineering, for seminal research on glasses and biomaterials and for genuinely sincere promotion of outreach to disadvantaged students."</p>
	<p>Dr. Venugopal Srinivasan Outstanding Scientist and Associate Director Robotics, Irradiation Experiments, Remote Handling and Post Irradiation Examination Indira Gandhi Centre for Atomic Research Kalpakkam Tamil Nadu, India</p> <p>"For significant contributions to understanding the flow behavior of stainless steels, titanium alloys, composites, ultra-light weight porous materials and the development of new processing techniques for controlling material microstructures."</p>

	<p>Mr. A. Alan Swiglo Associate Director Manufacturing Processes Research Northern Illinois University Naperville, Illinois</p> <p>"For seminal and proprietary advancements across four decades in gear metallurgy and heat treatment and the cost effective application of surface enhancement techniques."</p>
	<p>Prof. Eric M. Taleff Professor, Charlotte Maer Patton Centennial Fellow in Engineering University of Texas at Austin Austin, Texas</p> <p>"For significant contributions on hot deformation and superplasticity in light alloys, and abnormal grain growth in refractory metal."</p>
	<p>Dr. Y. Norman Zhou Director Centre for Advanced Materials Joining University of Waterloo Waterloo, Ontario, Canada</p> <p>"For sustained contributions in innovative research and development in advanced materials joining technology and in the education of materials science students."</p>