



**Dr. James B. Adams, FASM**

President's Professor

Materials Science and Engineering

Arizona State University, Tempe, AZ

"For distinguished contributions in computational materials science, in particular, the development of highly reliable interatomic potentials."



**Prof. Arvind Agarwal, FASM**

Professor, Mechanical and Materials Engineering

Florida International University, Miami, FL

"For internationally recognized contributions to the field of plasma spray, carbon nanotube reinforced ceramic and metal matrix composite coatings."



**Dr. Suresh S. Babu, FASM**

Associate Professor, Materials Science and Engineering  
The Ohio State University, Columbus, OH

"In recognition of outstanding and distinguished contributions in physical metallurgy that have advanced the science and technology of materials joining in academia and industry."



**Prof. David F. Bahr, FASM**

Professor and Head  
Materials Engineering  
Purdue University, West Lafayette, IN

"For significant contributions to the understanding of small scale mechanical behavior, particularly through nanoindentation."



**Prof. Amit Bandyopadhyay, FASM**

Professor

School of Mechanical and Materials Engineering

Washington State University, Pullman, WA

"For outstanding publications, licensed inventions, and journal editing in the fields of ceramics and biomedical materials science, engineering, and manufacturing, and for the mentoring of undergraduate and graduate students in interdisciplinary fields."



**Dr. Robert Bianco, FASM**

Research and Development Manager

Materials and Simulation Technical Center

Goodrich Corporation, Brecksville, OH

"For significant contribution in the fabrication, and characterization of oxidation resistant alloys and composites".



**Prof. Long-Qing Chen, FASM**

Professor

Materials Science and Engineering

Penn State University, University Park, PA

"For outstanding development of computational and experimentally-verified models for predicting phase transformations, microstructural evolution, and ferroelectric and magnetostatic structure-property relationships, in metals, ceramics and thin films."



**Prof. Chun-Hway Hsueh, FASM**

Professor

Department of Materials Science and Engineering

National Taiwan University, Taipei, Taiwan

"For significant contributions to the development of closed-form analytical solutions to the thermomechanical behavior of materials."



**Mr. John A. Janiszewski, FASM**

Senior Engineer

LTK Engineering Services, Ambler, PA

"For expanding the application of materials engineering and failure analysis principles to problem solving in applications for the power production and rail industries."



**Dr. Prasad Rao Kalvala, FASM**

Professor

Department of Metallurgical and Materials Engineering  
Indian Institute of Technology, Chennai, India

"For innovative and pioneering contributions toward the development of solid state metallic coatings by friction surfacing to combat wear and corrosion and the development of novel weld techniques for improved weld properties for engineered alloys."



**Dr. Stephen L. Kampe, FASM**

Franklin St. John Professor and Chair  
Materials Science and Engineering Department  
Michigan Technological University  
Houghton, MI

"For contributions to the science and technology of functional metal matrix composites and leadership in engineering education."



**Prof. C. Robert Kao, FASM**

Professor and Department Chair,  
Department of Materials Science and Engineering  
National Taiwan University, Taipei, Taiwan

"For important advances in understanding phase equilibria and interfacial reactions in materials used in electronic devices and their packaging."



**Dr. Toshihiko Koseki, FASM**

Professor  
Department of Materials Engineering  
University of Tokyo, Japan

"To recognize outstanding accomplishments in the fields of solidification and welding of steels. This work has been both fundamental and applied and has led to a significant improvement in our understanding of welding metallurgy."



**Mr. William J. Lenling, FASM**

President

Thermal Spray Technologies, Sun Prairie, WI

"For entrepreneurship and technical leadership in the implementation of functional thermal spray coating to enhance materials performance and extend component lifetimes."



**Dr. Bernard Q. Li, FASM**

Sr. Principal Scientist

Neuromodulation Department

Medtronic, Minneapolis, MN

"For distinguished materials science contributions to medical device applications."



**Dr. Stanley Peter Lynch, FASM**

Principal Research Scientist  
Maritime Platforms Division  
Defense Science and Technology Organization  
Melbourne, Australia

"For outstanding contributions to understanding fundamental aspects of environmentally assisted cracking, especially using metallographic and fractographic techniques, and for using such understanding for failure-analysis and prevention activities, in a wide variety of materials."



**Mr. Ajay P. Malshe, FASM**

Distinguished Professor/CTO and Founder  
NanoMech Corp.  
University of Arkansas, Fayetteville, AR

"For the invention, development, and commercialization of the world's first nanoparticle composite coating of super-hard cubic boron nitride (cBN) for cutting tools and wear resistance applications, as well as various nanomanufacturing processes and lubricants."





**Dr. Tatsuki Ohji, FASM**

Prime Senior Research Scientist

Advanced Manufacturing Research Institute

National Institute of Advanced Industrial Science and Technology, Nagoya, Japan

"For the in-depth investigation of mechanical and functional properties of advanced ceramics, ceramic composites, and porous materials and their microstructures, and the development of new and novel advanced ceramic materials."



**Dr. Triplicane A. Parthasarathy, FASM**

Director, Materials and Processes UES, Inc., Dayton, OH

"For distinguished contributions to the field of computational materials engineering."



**Dr. Janet M. Sater, FASM**

Research Staff Member

Science and Technology Division

Institute for Defense Analyses, Alexandria, VA

"For outstanding technical contributions to Department of Defense metal matrix composite and morphing materials programs."



**Ms. Julie M. Schoenung, FASM**

Professor

Chemical Engineering and Materials Science

University of California, Davis, CA

"For distinguished contributions to processing and characterization of nanocomposite materials and to green engineering and design."



**Dr. Oscar Marcelo Suarez, FASM**

Professor

College of Engineering

University of Puerto Rico-Mayaguez, Mayaguez, PR

"For contributions to nucleation phenomena in cast iron, and the development of industrial methods to produce graphitic irons."



**Dr. George J. Theus, FASM**

President

Metallurgical Engineering Ltd., Aurora, IL

"For outstanding contributions to the nuclear energy industry and the fields of corrosion, materials engineering, reliability and failure analysis."



**Prof. Armelle Vardelle, FASM**

Co-Head, Department of Materials, Surface Finishing and Environment  
Co-Head, Graduate School Sciences and Engineering in Materials, Energy and Aeronautics  
University of Limoges, Limoges, France

"For important advances in both modeling and diagnostics of thermal spray processes, including two- and three-dimensional aspects."



**Dr. Qigui Wang, FASM**

Technical Specialist, Global Powertrain  
General Motors Company, Pontiac, MI

"For distinguished and sustained contributions to the applied and theoretical understanding of fracture and fatigue of castings, and pioneering development of computational models linking processing, microstructure and properties in aluminum automotive powertrain components."