

FAS Members named 2018 ASM Awardees and Fellows

FAS is pleased to announce that several of its members have been named a recipient of a 2018 ASM Award or have joined the newest Class of Fellows. The awards will be presented at ASM's annual Awards Dinner, October 16 in Columbus, Ohio during MS&T18. Congratulations to all!

2018 ASM Award Recipients

Bronze Medal - Academic

Prof. Emmanuel de Moor

Assistant Professor

Metallurgical and Materials Engineering

Colorado School of Mines

"For outstanding contributions in the field of ferrous physical metallurgy and volunteerism in support of ASM and other organizations at the local, national and international levels."



Silver Medal – Non Academic

Dr. Erik M. Mueller

Materials Research Engineer

National Transportation Safety Board

"For outstanding use of failure analysis to make transportation safer by reducing accidents, and for contributions to the Failure Analysis Society, ASM Materials Education Foundation, and ASM International."



2018 Class of ASM Fellows

Mr. Daniel J. Benac, FASM

Senior Principal Engineer
Baker Engineering and Risk Consultants, Inc.
San Antonio, TX

“In recognition of a distinguished career dedicated to investigating failures of components and understanding materials issues for diverse industries worldwide, including the aerospace, nuclear, refining and chemical industries, and for educating and mentoring students and professionals to prevent failures.”



Dr. James M. Boileau, FASM

Technical Expert and Group Leader
Ford Motor Company
Novi, MI

“For the research and implementation of lightweight metals for automotive applications, including innovations in aluminum casting technology and life prediction. His technical contributions spanned applications in engines, drive train and brakes where his innovative approach resulted in the implementation of improved processes and products.”



Mr. Michael K. Budinski, FASM

Chief, Materials Laboratory
National Transportation Safety Board
Washington, DC

“For contributions in making material science and related technologies a fundamental part of the failure analysis processes in manufacturing, infrastructure and transportation.”



Prof. Amy J. Clarke, FASM

Associate Professor
Metallurgical and Materials Engineering
Colorado Schools of Mines, Golden

"For broad, transformational contributions to metallurgical and materials engineering in steels, non-ferrous alloys, and in-situ imaging of metals processing."



Dr. Michael R. Mitchell, FASM

President
Mechanics & Materials Consulting, LLC
Flagstaff, AZ

"In recognition as an international leader in the areas of research, development and education in the fatigue and fracture behavior of materials for ground vehicles, aerospace systems and medical devices."



Prof. G. Robert Odette, FASM

Distinguished Professor
Mechanical Engineering
University of California Santa Barbara
Santa Barbara, CA

"For excellence and sustained seminal contributions to measuring, modeling, and managing irradiation effects in structural materials for nuclear energy applications and to related areas of materials science."



Mr. Udayan Pathak, FASM
Deputy General Manager
Engineering Research Centre
Tata Motors Limited
Pune, India

"For developing innovative solutions that achieve significant cost and energy savings in materials and processes for automotive applications and for attracting and mentoring young minds to pursue careers in materials engineering."



Mrs. Beth Matlock Snipes, FASM
Senior Materials Engineer
TEC Materials Testing
Knoxville, TN

"For developing X-ray diffraction systems with improved resolution and portability for residual stress and retained austenite measurements."



Dr. Erhan Ulvan, FASM
Manager, Engineering, Field Engineering Services and Laboratories
Acuren Group
Ontario, Canada

"For outstanding expertise and impact in failure analysis, forensic engineering, nondestructive testing, and materials engineering services, along with education of students and the materials community in these fields."

