

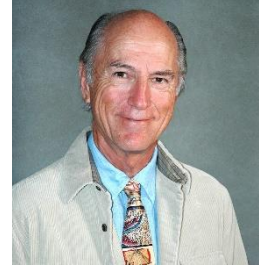


Application Form for WFC Scientific Committee

Personal Info.

Name: Doru Michael Stefanescu

Title: Professor



Research Interest

Research interests include experimental and numerical aspects of solidification processing, influence of low-gravity on solidification, processing of metal-matrix composites, manufacturing technologies and physical metallurgy of cast iron, steel and nonferrous alloys, etc. The research area in which his accomplishments have probably been most widely recognized nationally and internationally is computational modeling of microstructure evolution during solidification of castings. Another area of significant contribution is that of particles' behavior at the liquid/solid interface. Professor Stefanescu is recognized as a world expert in cast iron. He is the author of over 447 scientific and technical publications. Prof. Stefanescu is the editor of ASM Handbook Vol. 1A Cast Iron Science and Technology, ASM International (2017). He is a Dr. Honoris Causa of three universities and an Honorary Member of the Romanian Academy of Technical Sciences. Prof. Stefanescu awards include the Gold Medal and Honorary Life membership by the American Foundry Society, four NASA Certificates of Recognition for the Creative Development of Technical Innovations, the John Campbell Medal, Institute of Cast Metals Engineers, United Kingdom, and others.