

“IMS Announces Winner of 2017 IMS Buehler Technical Paper Award”

The 2017 winner of the Buehler Technical Paper Merit Award for Excellence, sponsored by Buehler, is “Metallographic Study of Great Anthony Historical Bronze Bells of Apostle Andrew Skete in Mount Athos, Greece” by Athanasios Vazdirvanidis and George Pantazopoulos. The article was published in the August 2017 issue of Metallography, Microstructure, and Analysis. The award includes a plaque and a cash prize of \$1000, endowed by Buehler. It will be presented at the ASM Leadership Awards Luncheon on Monday, October 15, 2018, in Columbus, Ohio.



Dr. Athanasios Vazdirvanidis is a senior research project leader and head of Metallography and Electron Optics department of ELKEME Hellenic Research Centre for Metals S.A., located in Oinofyta Viotias, Greece. He graduated from the Department of Mining and Metallurgical Engineering of National Technical University of Athens (N.T.U.A.). He holds an MSc from the Department of Civil Engineering of N.T.U.A. and a doctorate in engineering from the Department of Mechanical Engineering of N.T.U.A.

His expertise is in the fields of physical and mechanical metallurgy, metallography, electron backscatter diffraction and failure analysis. He has been lately involved in projects related with aluminum automotive and packaging industry, steel products for construction and copper alloy products with industrial applications, focusing on the relationship of microstructure and texture evolution during processing with the mechanical properties and also on examination of the components' structural integrity. He has an extended list of contributed articles and presentations as author and co-author in scientific Journals and international Conferences.



Dr. George Pantazopoulos is Technology and Quality Manager and head of Mechanical Testing and Manufacturing Technology department at ELKEME Hellenic Research Centre for Metals S.A., located in Oinofyta Viotias, Greece. Previously, he has been Quality Control and Quality Assurance Manager at HALCOR S.A. Metal Works, in the Rolling Mill and in the Brass Rods Extrusion Plant. He graduated from the department of Chemical Engineering of National Technical University of Athens (N.T.U.A.) and holds a doctorate in engineering from the department of Mechanical Engineering of National Technical University of Athens (N.T.U.A.).

He was elected as an assistant professor in the Department of Mechanical Engineering of the University of Western Macedonia, Kozani, Greece, and in the past he served as scientific associate in the Technological Education Institute of Piraeus (T.E.I.) Greece (currently as Piraeus University of Applied Sciences). Dr. Pantazopoulos is a member of various Scientific and Professional Societies and Editorial Boards of Journal of Failure Analysis and Prevention, Metallography Microstructure and Analysis, and Engineering Failure Analysis. Currently, he serves also as Guest Editor for the Special Issue in Metals (Title: “Failure Mechanisms in Alloys”). He is a frequent reviewer for several scientific journals and a prolific author who regularly contributes to international academic publications. He has been invited in International Conferences and he also authored and co-authored monographs, book chapters and two books related to Advanced Materials and Manufacturing Technology. His principal scientific/research interests extend in the areas of failure and fracture analysis, mechanical behavior, manufacturing and materials processing, surface engineering and tribology.