

Short bio Philomela Komninou



Philomela Komninou is a Professor of the Department of Physics at the Aristotle University of Thessaloniki. She is the Director of the Electron Microscopy and Structural Characterization Laboratory since 2013, Head of the Nanostructured Materials Microscopy Group and Vice-Director of the Postgraduate Master's program "Physics and Technology of Materials". From 2012 she is the President of the Hellenic Microscopy Society, a branch of the European Microscopy Society. She had been the National delegate in the "RESEARCH AND INNOVATION" program committee of the European Commission;

Member of the National Committee for the configuration of the Greek positions of the EC FP7 Framework program for the "Development of the National Action Plan for the Mobility of Researchers" and National expert in the "PEOPLE" Program committee. She is a member of numerous national and international scientific committees and societies.

Professor Komninou specializes on the structural characterization of advanced materials and the relation of microstructure with physical properties using advanced Transmission Electron Microscopy (TEM) and quantitative high resolution TEM/STEM combined with computational modeling. She has published more than 230 scientific papers in international peer-reviewed journals, five invited chapters in international scientific books and seven invited international scientific volumes. She has presented her work in numerous international and national conferences and workshops and has coordinated and/or participated in many International and National research projects.