**Spyretta Golemati**

**Biography**

Spyretta Golemati is Associate Professor of Biomedical Engineering in the Medical School of the National and Kapodistrian University of Athens, Greece. She holds a Diploma in Mechanical Engineering from the National Technical University of Athens, Greece, and the M.Sc. and Ph.D. degrees in Bioengineering from Imperial College London, UK. As visiting scholar/researcher, she visited the Ultrasound Elasticity Imaging Laboratory in Columbia University in the city of New York, USA (2013 and 2016), and the Centre for Visual Computing, Ecole Centrale de Paris (2013). She is alumna of the Fulbright Foundation-Greece. Her main research interests include image analysis of B-mode ultrasound images of the carotid artery, and the identification of novel indices of arterial mechanics and pathophysiology of atheromatous plaque. She has edited the book Cardiovascular Computing - Methodologies and Clinical Applications, published by Springer-Singapore in 2019. She has co-authored 37 papers published in international peer-reviewed journals, 15 book chapters, and 46 papers published in international scientific peer-reviewed conference proceedings. She is Associate Editor of Elsevier's journal Ultrasonics, Editorial Board member of ERJ Open Research and of BMC Cardiovascular Disorders, member of the Advisory Editorial Board of Ultrasound in Medicine and Biology, and Guest Editor of IEEE-JBHI. She is member of IEEE-EMBS, IEEE-UFFC, IEEE-WiE, the Technical Chamber of Greece, and the Hellenic Atherosclerosis Society. She is the Chair of the Greek chapter of IEEE-EMB (2020-today), co-chair of IEEE EMB Education committee (2022) and member of the IEEE EMB Chapter Development committee (2021-2022).