

SeaTechHub

Bio

Dr. Ioannis Kyriakides received his BSc degree in Electrical Engineering from Texas A&M University. He received his MSc and PhD degrees from Arizona State University. Throughout his graduate studies, he held a research associate position funded by the Integrated Sensing and Processing program and the Multidisciplinary University Research Initiative of the USA Department of Defence. In the final year of his PhD work, he received the University Graduate Fellowship of Arizona State University. His research interests include Bayesian target tracking, sequential Monte Carlo methods and heterogeneous data fusion and heterogeneous sensing node configuration. Applications of his research include localization of multiple RF sources, tracking surface vehicles using passive acoustic sensing, tracking multiple targets with constraints in motion and with heterogeneous agile sensing nodes, autonomous vehicle path planning for information acquisition, and identifying suitable areas for maritime activities such as aquaculture and renewable energy facilities. Dr. Kyriakides is a Senior Member of the Institute of Electrical and Electronics Engineers (IEEE). Additionally, he is an Associate Professor at the Engineering Department at the University of Nicosia, where he is also the Associate Head of the Department of Engineering and the Electrical Engineering Program Coordinator serving on the Department's Postgraduate Program Committee. He is, moreover, a Senior Scientist at the Cyprus Marine and Maritime Institute (CMMI). At the CMMI Dr. Kyriakides leads the Maritime Digitalization Center. Dr. Kyriakides was the Project Coordinator for projects with a total budget of over € 7 M.