



### Academic Personnel Short Profile / Short CV

<b>University:</b>	University of Nicosia
<b>Surname:</b>	Kyriakides
<b>Name:</b>	Ioannis
<b>Rank:</b>	Associate Professor
<b>Faculty:</b>	Sciences & Engineering
<b>Department:</b>	Engineering
<b>Scientific Domain:</b>	Electrical Engineering

### Academic Qualifications

Qualification	Year	Awarding Institution	Department	Thesis title
PhD in Electrical Engineering	2008	Arizona State University	Electrical Engineering	On the use of Monte Carlo Techniques for Integrated Sensing and Processing
MSc in Electrical Engineering	2005	Arizona State University	Electrical Engineering	
BSc in Electrical Engineering	2003	Texas A&M University	Electrical Engineering	



### Employment History

Period of employment		Employer	Location	Position
From	To			
07/2017	Present	University of Nicosia	Nicosia, Cyprus	Associate Professor
07/2012	07/2017	University of Nicosia	Nicosia, Cyprus	Assistant Professor
09/2008	07/2012	University of Nicosia	Nicosia, Cyprus	Lecturer

### Key refereed journal papers, monographs, books, conference publications etc

Ref. Number	Year	Title	Other authors	Journal and Publisher /Conference	Vol.	Pages
1	2010	Adaptive High-Resolution Sensor Waveform Design for Tracking, Synthesis Lectures on Algorithms and Software in Engineering	D. Morrell, A. Papandreou-Suppappola	Morgan & Claypool Publishers		
2	2020	Image and WLAN Bimodal Integration for Indoor User Localization	M. Redzic, C. Laoudias	IEEE Transactions on Mobile Computing		
3	2016	3D Localization and Frequency Band Estimation of Multiple Unknown RF Sources Using Particle Filters and a Wireless Sensor Network	K. A. Gotsis, and J.N. Sahalos	Wireless Personal Communications		1889-1902
4	2016	Target tracking using adaptive compressive sensing and		Signal Processing	127	44-55

		processing				
5	2012	Adaptive Highly-Localized Waveform Design for Multiple Target Tracking	D.Morrell, A.Papandreou-Suppappola	EURASIP Journal on Advances in Signal Processing	180	730-739
6	2011	Adaptive Compressive Sensing and Processing of Delay-Doppler Radar Waveforms		IEEE Transactions on Signal Processing	60	730-739
7	2008	Sequential Monte Carlo Methods for Tracking Multiple Targets with Deterministic and Stochastic Constraints	D.Morrell, and A.Papandreou-Suppappola	IEEE Transactions on Signal Processing	53(3)	937-948
8	2016	Multiple Target Tracking Using Thermal Imaging and Radar Sensors		CoSeRa		158-162

Research Projects				
Ref. Number	Date	Title	Funded by	Project Role
1	2020-2022	The use of hydrogen as an additive in marine internal combustion engine	Research and Innovation Foundation	Partner
2	2020-2022	MARI-Sense: Cognitive Decision Support System	Research and Innovation Foundation	Coordinator
3	2020-2022	OS Aqua: Open Sea Aquaculture in the Eastern Mediterranean	Research and Innovation Foundation	Coordinator
4	2018-2020	Smart Standardized Marine Sensor Cable Interface	Cyprus Research Promotion Foundation	Partner
5	2015-2019	Bringing together Research, and Industry for the Development of Glider Environmental Services	EU	Participant
6	2017-2018	Cyprus Science and Research Center	EU	Participant



7	2012-2014	Development of a Novel Automated Monitoring System for Sea Border Security using Thermal Imaging and Sonar Technologies	Cyprus Research Promotion Foundation	Coordinator
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### Consulting Services and/or Participation in Councils / Boards/ Editorial Committees

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2016	IEEE Symposium on Signal Processing and Information Technology (ISSPIT)	Technical Program Committee Chair	Coordinated review of submitted articles

### Awards / International Recognition

Ref. Number	Date	Title	Awarded by
1	2016	IEEE Senior Member Status Upgrade	Institute of Electrical and Electronics Engineers
2	Fall 2007–Spring 2008	University Graduate Fellowship	Arizona State University
3	2001	Dean's Honor Award for Outstanding Academic Achievement	Texas A&M University
4	2000	Partial Undergraduate Scholarship Cyprus – America Scholarship Program	Cyprus Fulbright Commission