



Academic Personnel Short Profile / Short CV

University:	NEAPOLIS UNIVERSITY PAFOS
Surname:	Ioannou
Name:	Iacovos
Rank/Position:	Assistant Professor
Faculty:	SCHOOL OF ECONOMICS, BUSINESS AND COMPUTER SCIENCE
Department:	DEPARTMENT OF COMPUTER SCIENCE
Scientific Domain: *	Software Engineering, Programming, Networks, IoT, AI/ML, Information Security

** Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2021	University of Cyprus	Computer Science	A novel Distributed Artificial Intelligence framework with Machine Learning for 5G/6G communication
MSc	2016	Open University of Cyprus	Computer Science / Information Security	Safe Android app to find churches/monasteries in Cyprus
BSc	2005	University of Cyprus	Computer Science	Quickest Path calculation among two points in Cyprus road map using GIS and web



Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
2026	2027	Neapolis University Pafos	Pafos, Cyprus	Assistant Professor
2018	Present	CYENS Centre of Excellence	Nicosia, Cyprus	Senior Researcher
2026	2026	Philips University	Nicosia, Cyprus	Assistant Professor

Key refereed journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2026	A self-supervised hybrid CNN with uncertainty-aware referral for diabetic retinopathy screening	N.A. Kumar, D. Madhusudan, G.S.P. Ghantasala, V. Vassiliou	Biomedical Signal Processing and Control, Elsevier	116	10948 2
2	2026	Federated Learning at the Edge: Enabling AI in 5G/6G Networks and Massive IoT (Book Chapter)	C. Christophorou, V. Vassiliou	Federated Learning: Future of Next-Generation AI and Digital Transformation, IntechOpen		Open Access
3	2026	Generative Adversarial Networks for Energy-Aware IoT Intrusion Detection: Comprehensive Benchmark Analysis of GAN Architectures with Accuracy-per-Joule Evaluation	V. Vassiliou	Sensors, MDPI		(in press)
4	2025	Intelligent congestion control in 5G URLLC Software-Defined Networks using adaptive resource management via Reinforced Dueling Deep Q-Networks	V. Sittakul, P. Nagaradjane, V. Vassiliou	Journal of Network and Computer Applications, Academic Press		10427 6



5	2025	Fuzzy logic-based IDS (FLIDS) for the detection of different types of jamming attacks in IoT networks	M. Savva, V. Vassiliou	Computer Communications, Elsevier		10825 1
6	2025	Enhancing 5G and 6G networks through a dynamic dual-stage machine learning heuristic framework for mobile network augmentation	P. Nagaradjane, C. Christophorou, V. Vassiliou	Ad Hoc Networks, Elsevier		10390 8
7	2024	Distributed Artificial Intelligence for 5G/6G Communications: Frameworks with Machine Learning (Book/Monograph)	P. Nagaradjane, V. Vassiliou, A. Pitsillides, C. Christophorou	CRC Press		
8	2024	DeepRISBeam: Deep learning-based RIS beam management for radio channel optimization	M. Raspopoulos, P. Nagaradjane, C. Christophorou, W.A. Aziz, V. Vassiliou, A. Pitsillides	IEEE Access, IEEE	12	81646- 81681
9	2024	AI/ML-aided capacity maximization strategies for URLLC in 5G/6G wireless systems: A survey	R.B. Shaik, P. Nagaradjane, V. Sittakul, V. Vassiliou, A. Pitsillides	Computer Networks, Elsevier	249	11050 6
10	2022	Dynamic D2D communication in 5G/6G using a distributed AI framework	C. Christophorou, V. Vassiliou, M. Lestas, A. Pitsillides	IEEE Access, IEEE	10	62772- 62799



Exhibitions (where applicable). List the five (5) more recent and other five (5) selected. (max total 10)					
Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
1	2024	ADROIT6G: A Fully Distributed and Dynamic AI-Powered Architecture for the 6G Networks	International	Belgium	Poster
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*Specify venue, geographic location etc



Research Projects. List the five (5) more recent and other five (5) selected (max total 10)				
Ref. Number	Date	Title	Funded by	Project Role*
1	2025	ERMIS	Research and Innovation Foundation (RIF), Cyprus	Senior Researcher / Proposal writing / Work Package leader
2	2025	GEANT GN5-2 (OAV and NMaaS)	GEANT / European Commission, Horizon Europe	Researcher and Developer
3	2022	ADROIT6G: Distributed AI-driven open architecture for 6G networks	European Union, Horizon Europe	Senior Researcher / Proposal writing
4	2022	METACITIES: Digital twins and metaverse in South East Europe	European Union, Horizon Europe (WIDERA)	Senior Researcher / Proposal writing
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*Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees. List the five (5) more recent (Optional Entry)				
Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2026 to present	IEEE Networking Letters, IEEE Communications Society	Associate Editor	Reviewers are assigned and editorial decisions are consolidated
2	2026 to present	International Journal of Antennas and Propagation, Wiley	Associate Editor	Reviewers are assigned and editorial decisions are consolidated
3	2026	IconAECC 2026, MAM College of Engineering, Trichy, India	Technical Program Committee (TPC) Chair	TPC operations are led and the technical programme is shaped
4	2026	ISIoT 2026, DCOSS-IoT Workshop, Reykjavik, Iceland	TPC Chair and Workshop Chair	The workshop is organised and paper selection is led
5	2025	AsianComNet 2025, Zarqa University, Jordan	TPC Chair and Keynote Speaker	TPC operations are led and a keynote address is delivered



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CYPRUS AGENCY OF QUALITY ASSURANCE AND ACCREDITATION IN HIGHER EDUCATION



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**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected.
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Awarded by:
1	2016	First in my Department and Second in my Class (MSc)	Open University of Cyprus
2	2005	Third in my Department (BSc)	Department of Computer Science, University of Cyprus
3	1998-1999	Dean's List, Second Honors (Fall 1998 and Fall 1999)	Cyprus College
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Other Achievements. List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	Date	Title	Key Activities:
1	2024	Senior Member of IEEE	Elevated to IEEE Senior Member grade, IEEE Communications Society
2	2026	Research impact	More than 900 citations, h-index of 15 and 131 peer-reviewed publications (Google Scholar)
3	2025	Keynote Speaker, ICCSS 2025	Invited keynote address
4	2025	Keynote Speaker, AsianComNet 2025, Zarqa University, Jordan	Invited keynote address
5	2024	Keynote Speaker, WISPNET 2024 (IEEE co-sponsored)	Invited keynote address
6	2024	Keynote Speaker, AsianComNet 2024, KMUTNB, Bangkok, Thailand	Invited keynote address
7	2025	Advance HE New to Teaching Programme	Completed at European University Cyprus for inclusive teaching practices
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