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ΦΟΡΕΑΣ ΔΙΑΣΦΑΛΙΣΗΣ ΚΑΙ ΠΙΣΤΟΠΟΙΗΣΗΣ ΤΗΣ ΠΟΙΟΤΗΤΑΣ ΤΗΣ ΑΝΩΤΕΡΗΣ ΕΚΠΑΙΔΕΥΣΗΣ
CYPRUS AGENCY OF QUALITY ASSURANCE AND ACCREDITATION IN HIGHER EDUCATION



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PHILIPS UNIVERSITY

IACOVOS IOANNOU
Assistant Professor



Academic Personnel Short Profile / Short CV

University:	PHILIPS UNIVERSITY
Surname:	Ioannou
Name:	Iacovos
Rank/Position:	Assistant Professor
Faculty:	SCHOOL OF EDUCATION AND SCIENCES
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			
February 2026	today	Philips University	Nicosia, Cyprus	Assistant Professor
2025	January 2026	European University	Nicosia	Assistant Professor
2018		CYENS	Nicosia	Senior Researcher
2013	2018	Primetel	Nicosia	Software Developer and IT
2008	2013	Cyprus Stock Exchange	Nicosia	Software Developer and IT

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	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)

3	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
4	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
5	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
6	2024	Distributed Artificial Intelligence for 5G/6G Communications: Frameworks with Machine Learning (Book/Monograph)	P. Nagaradjane, V. Vassiliou, A. Pitsillides, C. Christophorou	CRC Press		
7	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
8	2024	GemLIDS-MIoT: A green effective machine learning intrusion detection system based on federated learning for medical IoT network security hardening	P. Nagaradjane, P. Angin, P. Balasubramanian, K.J. Kavitha, P. Murugan, V. Vassiliou	Computer Communications, Elsevier	218	209- 239

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	110506
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

*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	Senior Researcher/Proposal writing/ WP leader
2	2022	ADROIT6G	EU	Senior Researcher/Proposal writing
3	2022	METACITIES	EU	Senior Researcher/Proposal writing

*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-	International Journal of Antennas and Propagation	Associate Editor	Assigned reviewers and consolidated decisions
2	2026-	IEEE Networking Letters	Associate Editor	Assigned reviewers and consolidated decisions
3	2026	IEEE WCNC 2026	Technical Program Committee (TPC) Member	Reviewed submissions, provided meta-reviews and contributed to session/paper selection.
4	2025	Asian Conference on Communication and Networks (Asiancomnet 2024)	TPC Chair	Led TPC operations, assigned reviewers, consolidated decisions and shaped the technical program.
5	2025	WS03, IEEE ICC 2025 Workshops	TPC Member	Evaluated workshop papers, advised on acceptance decisions and supported program organization.



**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	2004	Third in my Department (BSC)	Computer Science Department at University of Cyprus

**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 IEEE member	