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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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Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Koutitas
Name:	Georgios
Rank/Position:	Adjunct Faculty
Faculty:	School of Business
Department:	Department of Digital Innovation
Scientific Domain: *	Electrical and Computer Engineering

Field of Specialization

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2007	University of Surrey	Electrical Engineering	Advanced Physical and Statistical Techniques for Wireless Channel Modeling
MSc	2003	University of Surrey	Electrical Engineering	Outdoor to indoor channel modelling from High Altitude Platforms (HAPs)/DRONES in UMTS Networks
BSc	2002	Aristotle University	Physics	Indoor Channel Modelling and Measurements
Professional Certificate	2020	Massachusetts Institute of Technology	Electrical and Computer Engineering	-

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
2022	Now	University of Nicosia	Cyprus	Adjunct Faculty
2020	now	Pfizer's Center for Digital Innovation	Greece	Director, Enterprise Architecture, Digital Medicines and Machine Learning
2014	2021	Texas State University	Texas USA	Assist. 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	2023	Technical Feasibility of Implementing and Commercializing a Machine Learning Model for Rare Disease Prediction	K. Nolen, S. Attal, A. Ventouris, Y. Dole, H. Van Den Broek	IEEE Access	11	pp. 84430-84439
2	2021	Virtual Reality Performance Evaluation of AR/VR Training Technologies for EMS First Responders	S. Smith, G. Lawrence	_Virtual Reality_, Springer	25 (3)	
3	2020	Practical Methods for Efficient Resource Utilization in Augmented Reality Services	I, Koutsopoulos, et. al.,	IEEE Access	8	

4	2020	In Situ Wireless Channel Visualization Using Augmented Reality and Ray Tracing	V. Kumar., V. Metsis	Sensors	20(3)	
5	2020	Comparison of Inverse Kinematics Algorithms for Digital Twin Industry 4.0 Applications	T. Caroll, G. Hernandez, D. Wierschem, F. Mendez, D. Vallez, S. Aslan, R. Koldenhoven and J. Jimenez	*IEEE SMC, Int. Conference on Systems, Man, and Cybernetics,*		
6	2017	The Smart Grid as an Application Development Platform	G. Koutitas and Stan McClellan	ArtechHouse (Book)	ISBN:9 78-1-63081-109-9	
7	2016	Greening the Airwaves with Collaborating Mobile Network Operators'	G. Iosifidis, B. Lannoo, M. Tahon, S. Verbrugge, P. Ziridis, Ł. Budzisz, M. Meo, M. Ajmone Marsan, L. Tassiulas,	*IEEE Transactions on Wireless Communications*	15	794-806
8	2014	Smart Grid Technologies for Future Radio and Data Centre Networks'	L. Tassiulas	*IEEE Communications Magazine*	52	
9	2013	Periodic Flexible Demand: Optimization and Phase Management in the Smart Grid'	L. Tassiulas	*IEEE Transactions on Smart Grid,*	4	
10	2014	'Dynamic Resource Provisioning for Energy Efficiency in Wireless Access Networks: a Survey and an Outlook	L. Budzisz, Ganji Fatemeh, G. Rizzo, B. Lanoo, Mario Pickavet, Y. Zhang, M. Meo, A. Conte, I. Haratcherev, L. Tassiulas, M. A. Marsan, S. Lambert	*IEEE Communications Surveys and Tutorials*	16	2259-2285

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	2022	How AR/VR and Digital Twins are shaping manual labour	International **National Academy of Engineering, 2019 EU-US Frontiers of Engineering Symposium**	Stockholm	Speaker
2	2019	5G in Augmented and Virtual Reality	International **National Academy of Engineering, 2019 EU-US Frontiers of Engineering Symposium**	Stockholm	Speaker
3	2019	VR/AR Technologies for Training of Smart Responders	International - **Harvard Accelerator Smart Cities**	Las Vegas, USA	Speaker/ Presenter
4	2017	Virtual Environment of Things (VEoT) for space applications: How Augmented Reality can create a 4D experience with IoT networks"	International - **NASA Langley USA**	Virginia, USA	Speaker
5	2017	SXSW Startup Comeptition	International	Austin Texas	Exhibitor and Speaker

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	2019	funding for the development of AR and AI technologies for material handling safety in an Industry 4.0 environment	Toyota	Researcher

2	2019	US Ignite funding for the development of AR/VR solutions and IoT networks to help on the operation of First Responders in Ambulance Bus environments	US Ignite / NSF	Coordinator and Researcher
3	2018	funding for the creation of the XReality Lab and the deployment of smart grid systems at Star Park, Texas State University	Wells Fargo	Coordinator and Researcher
4	2017	funding for the development of IoT related software/hardware	Jacobs NASA	Coordinator and Researcher
5	2018	Grant from US IGNITE for commercialization of AR/VR training platform www.augmentedtrainingsystems.com	US Ignite (NSF)	Coordinator and Researcher
6	2016	Grant from the Sunshot Catalyst. Developed a commercial product www.gridmates.com/solar		
7	2012	Work Package 2 (WP2) leader and active researcher at FP7 Network of Excellence TREND 'Towards Real Energy Efficient Network Deployments'	FP7 (EU)	WP Leader and Researcher

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	2008-2022	IEEE	Reviewer at IEEE Trans. Vehicular Technology, IEEE Transactions Networking, IEEE Trans. Smart Grids, IEEE Internet Computing, IEEE Transactions Wireless Communications, IEEE Transactions on Antennas and Propagation	Reviewer
2	2018	ICDC	5G Networks, ICDC,	Organized a

3	2017	IEEE/ICDC	Member of the Program Committee at the conference IEEE ICC,	Planning special sessions on conferences
4	2014	IEEE	IEEE Student branch counselor International Hellenic University	Supporting students with IEEE related initiatives
5	2013	IEEE	IEEE VTS&AES Greek Chapter Treasurer,	Active member of the IEE VTS Greek chapter

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	2019	Grant for ATS	NSF/ DOD
2	2018	US Ignite grant for ATS	NSF
3	2016	Grant Sunshot Solar for Gridmates	US Dept of Energy
4	2010	Post Doc Scholarship	EU
5	2003	PhD Scholarship	UK EPSRC
6	2002	MSc Award	NOKIA