



### Academic Personnel Short Profile / Short CV

<b>University:</b>	University of Nicosia
<b>Surname:</b>	Mastorakis
<b>Name:</b>	George
<b>Rank/Position:</b>	Adjunct Faculty
<b>Faculty:</b>	Sciences and Engineering
<b>Department:</b>	Computer Science
<b>Scientific Domain: *</b>	Emerging Networking Technologies

*\* Field of Specialization*

### Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Ph.D.	2008	University of the Aegean	Information and Communication Systems Engineering	
M.Sc.	2001	University College London (UCL)	Electronic and Electrical Engineering	
B.Eng.	2000	University of Manchester Institute of Science and Technology (UMIST)	Electrical Engineering	



### Employment history in Academic Institutions/Research Centers – List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
2020	Today	University of Nicosia	Nicosia, Cyprus	Adjunct Faculty
2003	2021	Hellenic Mediterranean University	Heraklion, Greece	Associate Professor
2010	2012	University of the Aegean	Samos, Greece	Research Associate

<b>Key <u>refereed</u> journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)</b>						
<b>Ref. Number</b>	<b>Year</b>	<b>Title</b>	<b>Other authors</b>	<b>Journal and Publisher / Conference</b>	<b>Vol.</b>	<b>Pages</b>
1	2021	Security policies definition and enforcement utilizing policy control function framework in 5G	German Peinado Gomez, Jordi Mongay Batalla, Yoan Miche, Silke Holtmanns, Constandinos X. Mavromoustakis, Noman Haiderf	Computer Communications, Elsevier	172	226-237
2	2021	Artificial Intelligence and Blockchain-Assisted Offloading Approach for Data Availability Maximization in Edge Nodes	Gunasekaran Manogaran, Shahid Mumtaz, Constandinos X. Mavromoustakis, Evangelos Pallis	IEEE Transactions on Vehicular Technology	70	2404-2412
3	2021	Intelligent Wireless Communications	Constandinos X. Mavromoustakis, Jordi Mongay Batalla, Evangelos Pallis	IET		453
4	2021	Opportunistic user selection schemes for energy harvesting-aware cooperative NOMA	Thanh-Luan Nguyen, Dinh-Thuan Do, Constandinos X. Mavromoustakis	Physical Communication, Elsevier	44	
5	2021	Towards an optimized security approach to IoT devices with confidential healthcare data exchange	Andreou Andreas, Constandinos X Mavromoustakis, Dinh-Thuan Do, Jordi Mongay Batalla, Evangelos Pallis, Evangelos K Markakis	Multimedia Tools and Applications, Springer		
6	2020	ISOF: Information Scheduling and Optimization Framework for Improving the Performance of Agriculture Systems Aided by Industry 4.0	Gunasekaran Manogaran, Ching-Hsien Hsu, Bharat S Rawal, Bala Anand Muthu, Constandinos X Mavromoustakis	IEEE Internet of Things Journal	8	3120 - 3129



7	2020	Delay-sensitive and Priority-aware Task Offloading for Edge Computing-assisted Healthcare Services	Mithun Mukherjee, Vikas Kumar, Dipendu Maity, Rakesh Matam, Constandinos X Mavromoustakis, Qi Zhang	GLOBECOM 2020 - 2020 IEEE Global Communications Conference		
8	2020	Intelligent Edge Computing: Security and Privacy Challenges	Mithun Mukherjee, Rakesh Matam, Constandinos X Mavromoustakis, Hao Jiang, Mian Guo	IEEE Communications Magazine	58	26-31
9	2020	Security risk assessment for 5G networks: National perspective	Jordi Mongay Batalla, Elzbieta Andrukiewicz, German Peinado Gomez, Piotr Sapiecha, Constandinos X Mavromoustakis, Jerzy Zurek, Muhammad Imran	IEEE Wireless Communications	27	16-22
10	2020	Anomaly traffic detection and correlation in Smart Home automation IoT systems	Mariusz Gajewski, Jordi Mongay Batalla, Constandinos X Mavromoustakis	Transactions on Emerging Telecommunications Technologies, Wiley		



<b>Research Projects. List the five (5) more recent and other five (5) selected (max total 10)</b>				
<b>Ref. Number</b>	<b>Date</b>	<b>Title</b>	<b>Funded by</b>	<b>Project Role*</b>
1	2020	Smart & Healthy Ageing through People Engaging in Supportive Systems (SHAPES)	Horizon2020	Research Associate
2	2020	5 services of Drones for increased airports and waterways safety and security (5D-Aero Safe)	Horizon2020	Research Associate
3	2019	A Universal Cyber Security Toolkit for Health-Care Industry (SPHINX)	Horizon2020	Research Associate
4	2018	Smart mobility at the European land borders (SMILE)	Horizon2020	Research Associate
5	2018	Cyber Security Accelerator for trusted SMEs IT Ecosystems (FORTIKA)	Horizon2020	Research Associate
6	2017	nExt generation eMergencY commuNicatiOnS (EMYNOS)	Horizon2020	Research Associate
7	2015	Network Functions as-a-Service over Virtualised (T-NOVA)	FP7	Research Associate
8	2014	MediA Ecosystem Deployment Through Ubiquitous Content-Aware Network Environments (ALICANTE)	FP7	Research Associate
9	2008	Embedding P2P Technology in Next Generation Networks: A New Communication Paradigm & Experimentation Infrastructure (VITAL++)	FP7	Research Associate
10	2006	Integrated multi-layer optimization in broadband DVB-S.2 SATellite Networks (IMOSAN)	FP6	Research Associate

*\*Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*