



Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Mavromoustakis
Name:	Constandinos
Rank:	Professor
Faculty:	Sciences and Engineering
Department:	Computer Science
Scientific Domain: *	Internet of Things, Programmable P2P/Wearable ad-hoc devices, Smart Assisted Living, Mobile Cloud Computing

** Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title
PhD in Computer Science	2006	Department of Informatics, Aristotle University of Thessaloniki-Greece	Department of Informatics	"Time variant and dependant scheduling in distributed systems – Performance evaluation in dynamic environments"
MSc in Telecommunications	2001	Department of Electronic and Electrical Engineering, University College of London, University of London, UK	Department of Electronic and Electrical Engineering	VoIP versus PSTN - A quantitative experimental QoS approach
MSc in Electronic and Computer Engineering (award approved by KISATS)	2000	Electronic and Computer Engineering, Technical University of Crete, Greece	Electronic and Computer Engineering	"Heuristic-based approach for CSCNs"
Dipl.-Ing	2000	Electronic & Computer Engineer,	Electronic & Computer	"Ant based decentralized routing



		Technical University of Crete, Greece	Engineering	using antipheromone principle for performance and Routing measurements used in Circuit Switching Communication Networks"
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Employment history–List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
07/2016	today	University of Nicosia, Cyprus	Nicosia, Cyprus	F/T Professor
12/2010	06/2016	University of Nicosia, Cyprus	Nicosia, Cyprus	F/T Associate Professor
08/2009	09/2010	Cyprus University of Technology, Cyprus	Limassol, Cyprus	P/T Visiting faculty/Special Expert Scientist

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	2020	Adaptive positioning system based on multiple wireless interfaces for Industrial IoT in harsh manufacturing environments	Jordi Mongay Batalla, George Mastorakis, Neal NaixueXiong and Józef Woźniak	IEEE Journal on Selected Areas in Communications	Volume: 38, Issue: 5, May 2020	pp. 899 - 914
2	2020	Using Socio-Spatial Context in Mobile Cloud Process Offloading for Energy	Athina Bourdena, George Mastorakis, Joel J. P. C. Rodrigues, Ciprian Dobre	IEEE Transactions on Cloud Computing, to appear, ISSN:	Volume: 7, Issue:	pp. 184-197

		Conservation in Wireless Devices		2168-7161, DOI:10.1109/TCC.2015.2511736, IEEE Communications Society, IEEE	2, April-June 1 2020	
3	2016	On cohabitating networking technologies with common wireless access for Home Automation Systems purposes	Jordi Mongay Batalla, George Mastorakis and Jerzy Żurek	IEEE Wireless Communications, vol. 23, no. 5, October 2016		pp. 76-83
4	2015	A Cooperative Watchdog System to Detect Misbehavior Nodes in Vehicular Delay-Tolerant Networks	João Dias, Joel Rodrigues and Feng Xia	IEEE Transactions on Industrial Electronics, February 2015	Volume: 62, Issue: 12	pp. 7929 - 7937
5	2017	Resource Usage Prediction Models for Optimal Multimedia Content Provision	Yiannos Kryftis; George Mastorakis; Jordi Mongay Batalla; Joel J. P. C. Rodrigues; Ciprian Dobre	IEEE Systems Journal Year: 2017	Volume: 11, Issue: 4	pp.: 2852 - 2863
6	2017	Efficient Next Generation Emergency Communications over Multi-Access Edge Computing	Evangelos K. Markakis; Ilias Politis; Asimakis Lykourgiotis; Yacine Rebahi; George Mastorakis; Evangelos Pallis	IEEE Communications Magazine	Volume: 55, Issue: 11	pp.: 92 - 97
7	2017	A game theoretic formulation of the technical debt management problem in cloud systems	Georgios Skourletopoulos; George Mastorakis; John N. Sahalos; Jordi Mongay Batalla; Ciprian Dobre 2017	14th International Conference on Telecommunications (ConTEL) Year: 2017	ISBN: 978-953-184-223-5	pp.: 7 - 12
8	2017	Social-oriented Mobile Cloud	George Mastorakis; Jordi	IEEE International	ISBN:	pp.: 2001-

		Offload processing with delay constraints for efficient energy conservation	Mongay Batalla; Periklis Chatzimisios 2017	Conference on Communications (ICC)	978-1-4673-8999-0	2007
9	2017	Efficient Media Streaming with Collaborative Terminals for the Smart City Environment	Jordi Mongay Batalla; Piotr Krawiec; George Mastorakis; Naveen Chilamkurti; Daniel Negru; Joachim Bruneau-Queyreix; Eugen Borcoci	IEEE Communications Magazine	Volume: 55, Issue: 1	pp.: 98 - 104
10	2016	A Fog-Based Emergency System for Smart Enhanced Living Environments	Yannis Nikoloudakis; Spyridon Panagiotakis; Evangelos Markakis; Evangelos Pallis; George Mastorakis; Ciprian Dobre	IEEE Cloud Computing	Volume: 3, Issue: 6	pp.: 54 - 62

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	01-06-2017 to 31-05-2020	Cyber Security Accelerator for trusted SMEs IT Ecosystems (FORTIKA). with Project ID: 740690	Funded under: H2020-EU.3.7.4 - Improve cyber security Horizon 2020- European Commission	Research Associate
2	1-10-2015 to 30-4-2018	"nExt generation eMergencYcommuNicatiOnS" Proposal acronym: EMYNOS	Horizon 2020- European Commission Call: H2020-DRS-2014, Topic: DRS-19-2014, Type of action: RIA, Proposal number: 653762	Research Associate



3	1-12-2017 to 30-1-2021	Project Title and acronym: "Astrological observation & natural environment- An alternative product for the development and promotion of Eastern Mediterranean geoparks" (GEOSTARS)	2nd call for bilateral strategic projects of the Interreg Program "Greece-Cyprus 2014-2020"	Partner
4	31 Months (Feb 2016- Oct. 2018)	Resource Prediction Engine; Ranked 1st in the evaluation process, Approved: 2-Feb-2016	Research Promotion Foundation/IPR/National Project co-funded by the European Union, for Patents and Intellectual Property Rights Protection KAINOTOMIA/EYPEΣI/1114/05	Coordinator
5	1-1-2014 to 31/12/2015	Eurostars project 8111 DELTA-Network-Aware Delivery Clouds for User Centric Media Events., Duration: 24 Months. (<i>Ranked upon evaluation 1st in ICT domain and 5th over all existing domains, out of 529 proposals</i>).	Eureka-Secretariat/Horizon 2020 Approved: 02-Sep-2013, Call > 10	Partner
6	September 2014- September 2017	Large-scale Integrating Project (IP), Network Functions as-a-Service over Virtualised Infrastructures (T-NOVA)	ICT Call 11 (FP7-ICT-2013-11) - Objective ICT-2013.1.1 call: Future Networks 2014-2017/Horizon 2020 European Commission	Research Associate
7	1-09-2017 to 30-11-2018	CSRC–Centre for STEAM Education Research, Science Communication and Innovation- (Cyprus Science and Research Centre-CSRC), Teaming Phase I/Grant Agreement number: 763594	TEAMING HORIZON 2020/Horizon 2020, Teaming Phase I H2020-WIDESPREAD-2016-2017/H2020-WIDESPREAD-04-2017	Partner
8	1-9-2016 to 31-8-2019	"Next gGeneration network edMedia over 4G+ infrastructureS (NEREUS)", Erasmus+ KA2 - Cooperation for Innovation and the Exchange of Good Practices Strategic Partnerships for higher education	Erasmus+ project in Call: 2016, KA2 - Cooperation for Innovation and the Exchange of Good Practices Strategic Partnerships for higher education	Partner



**Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.
List the five (5) more recent**

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	11/2016-16/2/2017	Member of the Technical Committee Experts for the European Cloud Initiative, Brussels, Belgium, for designing the framework in Europe, for industry and public authorities with infrastructure to store and manage data, high-speed connectivity to transport data and more powerful high performance computers to process data. (adopted by the European Parliament on the 16th of February 2017)	Member of the Technical Committee Experts for the European Cloud Initiative, Brussels, Belgium, for designing the framework in Europe	Member of the Technical Committee, Evaluator
2	09/2016-11/2016	Appointed by Eureka Secretariat as EUREKA's High-Level Technical Experts responsible for the assessment of shortlisted final stage projects submitted under the Eurostars Programme (https://experts.eurostars-eureka.eu/) September 2016- November 2016	High-Level Technical Experts	Consultant and Evaluator
3	05/2017	Evaluation of submitted proposals within the postdoctoral scholarship program sponsored by the Stavros Niarchos Foundation. Research Committee	Member of the Technical Committee	Consultant and Evaluator



		of the University of Thessaly in the framework of the implementation of a program, funded by the Stavros Niarchos Foundation (http://www.snf.org/) in May 2017		
4	01/2014-12/2016	Cyprus Governemententerprenieur's scientific experts in the Ministry of Energy and Commerce, Industry and Tourism (http://www.mcit.gov.cy/) & Liaison Office with the Business World, within the framework of Operational Programme 2014-2020, Competitiveness and Sustainable Development Grant Scheme for Strengthening the Business Innovation 2014-2016 (call of year 2014)	High-Level Technical Experts	Consultant and Evaluator
5	10/2016	Internet of Thingsat Intel Corporation LLC/Registered No: 232-896-445 (www.intel.com) for the ChallengeME (https://challengeme.intel.com/), IoT competition, Oct. 2015	Member of the Technical Committee	Consultant and Evaluator

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

Ref. Number	Date	Title	Awarded by:
1	2014	Best paper award for Constandinos X. Mavromoustakis, George Mastorakis, Athina Bourdena, Evangelos Pallis, Georgios Kormentzas, and Joel J. P. C. Rodrigues, "Context-oriented Opportunistic Cloud Offload Processing for Energy Conservation in Wireless Devices", appears in Globecom 2014-Cloud Computing Systems, Networks, and Applications (CCSNA), GC14, Austin, TX, 8-12 December 2014, Austin, Texas, USA, pp. 24-30	IEEE Globecom 2014
2	2013	Early Stage Researcher Grant recipient by the COST.EU office secretariat. IEEE GlobeCom attendance 8th-14th December 2013	ESR/Early Stage Researcher Grant recipient by the COST.EU office secretariat
3	2007	Society for Modelling and Simulation International (SCS) and the Organizing Committee of the 2006 Spring Simulation Multiconference Best Paper Award- awarded April 2007 (awarded by the general chairs, Prof. Maurice J. Ades, Prof. Hamilton John, SpringSim 2007)	Society for Modelling and Simulation International (SCS)
4	2002-2005	Scholarship awarded by the A.G. Leventis Foundation for an "Outstanding research performance and penetrative research abilities in the Computer Science field" (2002-2005)	A.G. Leventis Foundation
5	2002-2005	European Union Project Participation scholarship "Heraclites" 2002-2005 grant #21798/2002, by the Hellenic Ministry of	European Union co-fund with the Hellenic Ministry of National Education and Religious Affairs' Framework "Operational Program for Education



		National Education and Religious Affairs' Framework "Operational Program for Education and Initial Vocational Training (O.P. Education)", Research committee of Aristotle University of Thessaloniki	
6	1997-1998	Graduated from Technical University of Crete, Department of Electronic & Computer Engineer, Chania, Crete-Greece ranked 8th from the total number of in-class students, and IKY/ Greek Government Scholarship for two years (1997, 1998)	IKY/ Greek Government Scholarship
7	1994-1999	Full Cyprus Government Scholarship for the per academic year performance at the dept. Electronic & Computer Engineer, Technical University of Crete–Greece, and for the excellent performance on university entry examinations (1st), 1994 (duration: 5 full academic years)	Cyprus Government -State Scholarships department
8	1989	Gold metal in 1 st Robotic competition between Secondary Education high Schools in Cyprus	Ministry of Education