

Personal Information	
<b>Surname:</b>	Mavromoustakis
<b>Name:</b>	Constandinos X.
<b>Rank:</b>	Professor
<b>School:</b>	Sciences and Engineering
<b>Department:</b>	Computer Science
<b>Academic Domain:</b>	Internet of Things, Programmable P2P/Wearable ad-hoc devices, Mobile Cloud Computing

Educational Qualifications		
Degree Title	Awarding Institution	Year Awarded
Dipl.-Ing	Five Year Diploma (BSc/BEng) in Electronic & Computer Engineer, Technical University of Crete, Greece	2000
M.Sc in Electronic and Computer Engineering (award approved by KISATS)	Electronic and Computer Engineering, Technical University of Crete, Greece	2000
MSc	Department of Electronic and Electrical Engineering, University College of London, University of London, UK	2001
PhD in Computer Science	Department of Informatics, Aristotle University of Thessaloniki-Greece	2006

Employment History			
Period of Employment (MM/YY-MM/YY)	Employer	Location	Position
11/2001-02/2005	University of Lincoln/UK, European studies of Arts and Sciences	Thessaloniki, Greece	P/T Lecturer and Member of the Research Group
09/2002-11/2005	Research Committee at Aristotle University of Thessaloniki, under the European Union Project Participation "Heraclites" 2002-2005 grant #21798, Hellenic Ministry of National Education and Religious Affairs' Framework "Operational Program for Education and Initial Vocational Training (O.P.	Thessaloniki, Greece	F/T Researcher/ under the European Union Project Participation "Heraclites" 2002-2005 grant #21798

	Education)"		
12/2005-08/2006	Research Committee at Aristotle University of Thessaloniki, Greece	Department of Informatics, Aristotle University of Thessaloniki, Greece	Postdoctoral Research scientist at Computer Architecture and Communications Lab/ PDSG (Parallel and Distributed Systems Group member)
10/2006-09/2007	Intercollege	Nicosia, Cyprus	F/T Assistant Professor
08/2009-09/2010	Cyprus University of Technology	Limassol, Cyprus	P/T Visiting faculty/Special Expert Scientist
10/2007-12/2010	University of Nicosia	Nicosia, Cyprus	F/T Assistant Professor
12/2010-06/2016	University of Nicosia	Nicosia, Cyprus	F/T Associate Professor
07/2016-today	University of Nicosia	Nicosia, Cyprus	F/T Professor

## Publications

Key *refereed* journals / conference publications / books (monographs, co-authored, edited, chapters)  
(list up to 10 most recent and important ones)

	Year	Title	Authors	Vol. No /ISBN	Pages
1	2016	Using Socio-Spatial Context in Mobile Cloud Process Offloading for Energy Conservation in Wireless Devices	Athina Bourdena, Constandinos Mavromoustakis, George Mastorakis, Joel J. P. C. Rodrigues, Ciprian Dobre	IEEE Transactions on Cloud Computing, to appear (Volume: to appear 2016, Issue: 99 ), ISSN: 2168-7161, DOI:10.1109/TCC.2015.2511736, IEEE Communicati	pp. 184-197

				ons Society, IEEE	
2	2016	On cohabitating networking technologies with common wireless access for Home Automation Systems purposes	Jordi Mongay Batalla, Constandinos Mavromoustakis, George Mastorakis and Jerzy Żurek	in IEEE Wireless Communications, vol. 23, no. 5, October 2016	pp. 76-83
3	2015	A Cooperative Watchdog System to Detect Misbehavior Nodes in Vehicular Delay-Tolerant Networks	João Dias, Joel Rodrigues, Constandinos Mavromoustakis and Feng Xia	IEEE Transactions on Industrial Electronics, February 2015, Volume: 62, Issue: 12	pp. 7929 - 7937
4	2017	Resource Usage Prediction Models for Optimal Multimedia Content Provision	Yiannos Kryftis; George Mastorakis; Constandinos X. Mavromoustakis ; Jordi Mongay Batalla; Joel J. P. C. Rodrigues; Ciprian Dobre	IEEE Systems Journal Year: 2017, Volume: 11, Issue: 4	pp.: 2852 - 2863
5	2017	Efficient Next Generation Emergency Communications over Multi-Access Edge Computing	Evangelos K. Markakis; Ilias Politis; Asimakis Lykourgiotis; Yacine Rebahi; George Mastorakis; Constandinos X. Mavromoustakis ; Evangelos Pallis	IEEE Communications Magazine Year: 2017, Volume: 55, Issue: 11	pp.: 92 - 97
6	2017	A game theoretic formulation of the technical debt management problem in cloud systems	Georgios Skourletopoulos; Constandinos X. Mavromoustakis ; George	14th International Conference on Telecommuni	pp.: 7 - 12

			Mastorakis; John N. Sahalos; Jordi Mongay Batalla; Ciprian Dobre 2017	cations (ConTEL) Year: 2017	
7	2017	Social-oriented Mobile Cloud Offload processing with delay constraints for efficient energy conservation	Constandinos X. Mavromoustakis ; George Mastorakis; Jordi Mongay Batalla; Periklis Chatzimisios 2017	IEEE International Conference on Communications (ICC)	pp.: 2001-2007
8	2017	Efficient Media Streaming with Collaborative Terminals for the Smart City Environment	Jordi Mongay Batalla; Piotr Krawiec; Constandinos X. Mavromoustakis ; George Mastorakis; Naveen Chilamkurti; Daniel Negru; Joachim Bruneau-Queyreix; Eugen Borcoci	IEEE Communications Magazine Year: 2017, Volume: 55, Issue: 1	pp.: 98 - 104
9	2016	A Fog-Based Emergency System for Smart Enhanced Living Environments	Yannis Nikoloudakis; Spyridon Panagiotakis; Evangelos Markakis; Evangelos Pallis; George Mastorakis; Constantinos X. Mavromoustakis ; Ciprian Dobre	IEEE Cloud Computing Year: 2016 Volume: 3, Issue: 6	pp.: 54 - 62
10	2018	Drop Computing: Ad-Hoc Dynamic Collaborative Computing	Radu-Ioan Ciobanu, Catalin	To appear in 2018 in	pp.: (to

			Negru, Florin POP, Ciprian M. Dobre, Constandinos Mavromoustakis , George Mastorakis,	Future Generation Computer Systems Journal, Elsevier	appear )
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<b>Funded Projects</b>						
<i>(list up to 10)</i>						
	<b>Project Title</b>	<b>Funding Agency</b>	<b>Project Duration</b> (DD/MM/YY- DD/MM/YY)	<b>Participation Status</b> (e.g. Partner, Research Associate)	<b>Total Project Budget</b>	<b>Allocated / Awarded Budget to the Participant</b>
1	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	01-06-2017 to 31-05-2020	Research Associate	EUR 4 918 812,50	EUR 30K
2	"nExt generation eMergencY commuNicatiOnS" Proposal acronym: EMYNOS	Horizon 2020- European Commission  Call: H2020-DRS-2014, Topic: DRS-19-2014, Type of action: RIA, Proposal number: 653762	1-10-2015 to 30-4-2018	Research Associate	EUR 4.13M	EUR 49K
3	Project Title and acronym: "Astrological observation & natural	2nd call for bilateral strategic projects of the Interreg	1-12-2017 to 30-1-2021	Partner	2.46M	82K

	environment- An alternative product for the development and promotion of Eastern Mediterranean geoparks" (GEOSTARS)	Program "Greece-Cyprus 2014-2020"				
4	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 KAINOTO MIA/EYPE ΣΙ/1114/05	31 Months (Feb 2016-Oct. 2018)	Coordinator	20,000€	20,000€
5	Eurostars project 8111 DELTA-Network-Aware Delivery Clouds for User Centric Media Events., Duration: 24 Months, Amount: 1,812,400€/ Personal/own funding: 170K €. <b>(Ranked upon evaluation 1<sup>st</sup> in ICT domain and 5<sup>th</sup> over all existing domains, out of 529 proposals).</b>	Eureka-Secretariat/ Horizon 2020 Approved: 02-Sep-2013, Call > 10	1-1-2014 to 31/12/2015	Partner	2.6M	150K
6	Large-scale Integrating Project (IP), Network	ICT Call 11 (FP7-ICT-2013-11) -	September 2014-	Research Associate	EUR 6.743M	EUR 36K

	Functions as-a-Service over Virtualised Infrastructures (T-NOVA)	Objective ICT-2013.1.1 call: Future Networks 2014-2017/Horizon 2020 European Commission	September 2017			
7	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-WIDESPR EAD-2016-2017/H2020-WIDESPR EAD-04-2017	1-09-2017 to 30-11-2018	Partner	EUR €400,000K	EUR 42K
8	“Next generation networked media over 4G+ infrastructureS (NEREUS)”. Grant amount/secured: 731K Euros/Personal/own funding: 42K €. Start-date:	Erasmus+ project in Call: 2016, KA2 - Cooperation for Innovation and the Exchange of Good Practices Strategic Partnerships for higher education	1-9-2016 to 31-8-2019	Partner	EUR 290K	EUR 42K
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## Awards and Recognitions

*(list up to 10)*

Year	Description
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1	2014	Best paper nomination 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
2	2013	Early Stage Researcher Grant recipient by the COST.EU office secretariat. IEEE GlobeCom attendance 8th-14th December 2013. Amount: 2.5K Euros
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)
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)
5	2002-2005	European Union Project Participation scholarship "Heraclites" 2002-2005 grant #21798/2002, by the Hellenic Ministry of 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)
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)
8	1989	Gold metal in 1 <sup>st</sup> Robotic competition between Secondary Education high Schools in Cyprus
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### Consultancy and Scholarly Work

*(E.g. Membership in Boards, Editorial Committees, etc. List up to 10)*

	<b>Period</b> (MM/YY-MM/YY)	<b>Description</b>
1	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)



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 ( <a href="https://experts.eurostars-eureka.eu/">https://experts.eurostars-eureka.eu/</a> ) September 2016-November 2016
3	05/2017	Member of the Technical Committee for the evaluation of submitted proposals within the postdoctoral scholarship program sponsored by the Stavros Niarchos Foundation. Research Committee of the University of Thessaly in the framework of the implementation of a program, funded by the Stavros Niarchos Foundation ( <a href="http://www.snf.org/">http://www.snf.org/</a> ) in May 2017
4	01/2014-12/2016	High-Level Technical Experts member for the Cyprus Government entrepreneur's scientific experts in the Ministry of Energy and Commerce, Industry and Tourism ( <a href="http://www.mcit.gov.cy/">http://www.mcit.gov.cy/</a> ) & 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)
5	10/2016	Member of the Technical Experts for Internet of Things-IoT competition at Intel Corporation LLC/Registered No: 232-896-445 ( <a href="http://www.intel.com">www.intel.com</a> ) for the ChallengeME ( <a href="https://challengeme.intel.com/">https://challengeme.intel.com/</a> ), IoT competition, Oct. 2015
6	01/2016-today	Member of the Technical Committee for High Level Expert Group for program hosted by HORIZON 2020 on the European Open Science Cloud (Jan. 2016- today)
7	12/2013-present	Member of the Technical Experts for programs HORIZON 2020 and related actions for "Information and Communication Technologies" as well as member of the Informal Advisory Group on "Information and Communication Technologies" Program "Horizon 2020", December 2013-present
8	06/2016	Senior Member Institute of Electrical and Electronics Engineers (IEEE)
9	01/2009-today	Chair of C16 COMSOC chapter (Computer Chapter) of the Cyprus section IEEE
10	01/2016	Vice-chair/Elected active member (Officer) of IEEE/ R8 Cyprus section