



## Academic Personnel Short Profile / Short CV

<b>University:</b>	Frederick University
<b>Surname:</b>	Chrysostomou
<b>Name:</b>	Chrysostomos
<b>Rank/Position:</b>	Assistant Professor
<b>School:</b>	Engineering
<b>Department:</b>	Electrical Engineering, Computer Engineering and Informatics
<b>Scientific Domain:</b>	Computer Networks

### Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Ph.D. in Computer Science	2006	University of Cyprus, Cyprus	Computer Science	Fuzzy Logic Based Active Queue Management Congestion Control in TCP/IP Networks
M.Sc. in Telematics (Communications & Software)	1999	University of Surrey, UK	Electronic & Electrical Engineering	
Bachelor of Engineering (B.Eng.) with First Class Honours in Electronic & Electrical Engineering	1998	University of Surrey, UK	Electronic & Electrical Engineering	

### Employment history in Academic Institutions/Research Centers

Period of employment		Employer	Location	Position
From	To			
October 2008	present	Frederick University	Cyprus	Lecturer/Assistant Professor

January 2007	June 2008	University of Cyprus	Cyprus	Visiting Lecturer
October 2002	December 2006	University of Cyprus	Cyprus	Special Teaching Staff

<b>Key refereed journal papers, monographs, books, conference publications etc. (up to ten until May 2021)</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	2020	An Energy-Efficient Machine-Type Communication for Maritime Internet of Things	P. Rahimi, I. Kyriakides, V. Vassiliou	11th Annual IEEE Information Technology, Electronics and Mobile Communication Conference, IEMCON 2020		668–676
2	2020	Social-Aware Clustering for D2D Multicast Content Sharing in 5G Networks <i>[Best paper Award]</i>	P. Rahimi, V. Vassiliou	2020 IEEE Global Information Infrastructure and Networking Symposium, GIIS 2020		
3	2020	Smart FIR: Securing e-FIR Data through Blockchain within Smart Cities	N.D Khan, B. Nazir	IEEE Vehicular Technology Conference, VTC-2020 Spring		
4	2020	A Secure Communication for Maritime IoT Applications Using Blockchain Technology	P. Rahimi, N.D Khan, V. Vassiliou, B. Nazir	16th Annual International Conference on Distributed Computing in Sensor Systems, DCOSS 2020, technically co-sponsored by IEEE		244–251

5	2020	Placement Optimization for Renewable Energy Sources: Ontology, Tools and Wake Models	M. Yousaf, M. Ali, S. Qaisar, M. Naeem, M. Iqbal	IEEE Access Journal	8	72781 - 72800
6	2019	A New Dimension to Spectrum Management in IoT Empowered 5G Networks	R.I. Ansari, H. Pervaiz, S.A. Hassan, M.A. Imran, S. Mumtaz, R. Tafazolli	IEEE Network Magazine	33(4)	186–193
7	2019	Control-Data Separation Architecture for Dual-Band mmWave Networks: A New Dimension to Spectrum Management	R.I. Ansari, H. Pervaiz, S.A. Hassan, A. Mahmood, M. Gidlund	IEEE Access Journal	7	34925 – 34937
8	2018	5G D2D Networks: Techniques, Challenges, and Future Prospects	R.I. Ansari, S.A. Hassan, M. Guizani, S. Mumtaz, J. Rodriguez and J. Rodrigues	IEEE Systems Journal	12(4)	3970–3984
9	2017	On the Outage Analysis of a D2D Network with Uniform Node Distribution in a Circular Region	R.I. Ansari, S.A. Hassan, S. Ali, M. Lestas	Elsevier Physical Communication Journal	25	277 – 283
10	2017	Hardware Implementation of Dynamic Fuzzy Logic Based Routing in Network-on-Chip	K. Tatas	Elsevier Microprocessors and Microsystems Journal	52	80 - 88

Research Projects				
Ref. Number	Date	Title	Funded by	Project Role
1	20 November 2017 – 19 November 2019	Integrated Telematic Public Transport System for Sustainable Urban Mobility	Transnational Program INTERREG V-A GREECE - CYPRUS 2014-2020	Partner Scientific Coordinator
2	2017	ENCOURAGEMENT-H2020 for «5G-mHealth» project proposal	Research Promotion Foundation (RPF) Cyprus	Project Scientific Coordinator

<b>Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees</b>				
<b>Ref. Number</b>	<b>Period</b>	<b>Organization</b>	<b>Title of Position or Service</b>	<b>Key Activities</b>
1	Since April 2020	International Scientific Journal of Frontiers in Communications and Networks	Review Editor on the Editorial Board of Wireless Communications	Member of the Editorial Board for the journal of Frontiers in Communications and Networks. Responsible for assessing the rigour and validity of the research, and work collaboratively with authors and editors to improve the manuscripts, ensuring only high-quality content is published.

<b>Awards / International Recognition</b>			
<b>Ref. Number</b>	<b>Date</b>	<b>Title</b>	<b>Awarded by:</b>
1	2020	Best Paper Award of the paper "Social-Aware Clustering for D2D Multicast Content Sharing in 5G Networks"	2020 IEEE Global Information Infrastructure and Networking Symposium, GIIS 2020
2	2020	Session's Best Presenter Certificate of the paper "An Energy-Efficient Machine-Type Communication for Maritime Internet of Things"	11th Annual IEEE Information Technology, Electronics and Mobile Communication Conference, IEMCON 2020
3	2017	Best Paper Award of the paper "QoS analysis for WebRTC videoconference on bandwidth-limited network"	20th International Symposium on Wireless Personal Multimedia Communications (WPMC 2017), technically co-sponsored by IEEE, Bali, Indonesia, 2017
4	2016	Mentor of the PhD student, Rafay Iqbal Ansari, a member of the "SherPak" team ("SmartWindows Communication") winning the third place in Ericsson Innovation Awards 2016, selected among 843 teams worldwide.	Ericsson Innovation Awards 2016