



Academic Personnel Short Profile / Short CV

University:	Frederick University
Surname:	Vryonides
Name:	Photos
Rank/Position:	Associate Professor
School:	Engineering
Department:	Electrical Engineering, Computer Engineering and Informatics
Scientific Domain:	Microwave and Millimeter Waves Circuits

Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2002	University of Manchester Institute of Science and Technology (UMIST)	Electrical and Electronic Engineering	Comparative Study of Low-Phase Noise Microwave Oscillators
MPhil	1999	University of Manchester Institute of Science and Technology (UMIST)	Electrical and Electronic Engineering	Feasibility Study for MMIC Realisation of Branch-Line Couplers
BEng	1998	University of Manchester Institute of Science and Technology (UMIST)	Electrical and Electronic Engineering	Microstrip Ring Resonators

Employment history in Academic Institutions/Research Centers

Period of employment		Employer	Location	Position
From	To			
2022	Today	Frederick University	Nicosia, Cyprus	Associate Professor
2016	2022	Frederick University	Nicosia, Cyprus	Assistant Professor
2007	2016	Frederick University	Nicosia, Cyprus	Lecturer
2003	2007	Frederick Institute of Technology	Nicosia, Cyprus	Lecturer

Key refereed journal papers, monographs, books, conference publications etc. (up to ten until May 2021)

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2020	"Dual-Band Compact Rectenna for UHF and ISM Wireless Power Transfer Systems	Abdul Quddious, Salman Zahid, Farooq A Tahir, Marco A Antoniadis, Simos Nikolaou	IEEE Transactions on Antennas and Propagation	Early Access	
2	2020	Dynamically Reconfigurable UWB Antenna using a FET Switch Powered by Wireless RF Harvested Energy	Abdul Quddious, Muhammad Ali Babar Abbasi, Marco A Antoniadis, Simos Nikolaou	IEEE Transactions on Antennas and Propagation	68	5872-5881
3	2020	" Demonstration of Reconfigurable BPFs with Wide Tuning Bandwidth Range Using $3\lambda/4$ Open- and $\lambda/2$ Short- Ended Stubs	S. Arain, A. Quddious, S. Nikolaou	MDPI Technologies	8	
4	2019	Voltage-Double RF-to-DC Rectifiers for Ambient RF Energy Harvesting and Wireless Power Transfer Systems	Abdul Quddious, Marco A Antoniadis, , Symeon Nikolaou	Intechopen	Book Chapter	
5	2019	Reconfigurable BPF with Constant Centre Frequency and Wide Tuning Range of Bandwidth	S. Arain, A. Quddious, S. Nikolaou	IEEE Transactions on Circuits and Systems II Express Briefs	67	1374-1378
6	2019	Dynamically Reconfigurable SIR Filter Using Rectenna and Active Booster	A. Quddious, MAB Abbasi, A.Saghir, S.Arain, Marco A. Antoniadis, and S. Nikolaou,	IEEE Transactions on Microwave Theory and Techniques	67	1504-1515
7	2018	Single-/Dual-BPF Using Coupled-Line Stepped Impedance Resonator (CLSIR)	A.Saghir, A. Quddious, S.Arain, S. Nikolaou	IEEE Transactions on Circuits and Systems II Express Briefs	66	1497-15-1
8	2018	Reconfigurable Bandwidth Bandpass Filter With Enhanced Out-of-Band Rejection Using pi -Section-Loaded Ring Resonator	S. Arain, M. Ali Babar Abbasi, A. Quddious, M. Antoniadis, S. Nikolaou	IEEE Microwave and Wireless Components Letters	28	28-30
9	2017	Wideband BPF using quadruple-mode ring resonator loaded with short-circuited stubs and Γ -shaped band-stop sections	Arain S, Ali Babar Abbasi M, Quddious A, Antoniadis MA, Nikolaou S.	Microwave and Optical Technology Letters	59	2316-2320
10	2017	Compact EBG-Backed Planar Monopole for BAN Wearable Applications	M. Ali Babar Abbasi, S. Nikolaou, Marco	IEEE Transaction on Antennas and Propagation	65	1-11

			Antoniades, M. N. Stevanovic		
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Research Projects (up to ten until May 2021)				
Ref. Number	Date	Title	Funded by	Project Role
1	2019-2023	Advanced RF Electronics Centre for Adaptive Metamaterials – RF-META	RIF	Research Associate
2	2019-2022	Robotically Controlled RADAR Inspired WiReless Charging for/from Flying UAV PlatformS - ICARUS	RIF	Research Associate
3	2018-2021	Simultaneous Wireless Information & energy Transfer for low-powered Communication technologies – SWITCH	RIF	Research Associate
4	2019-2022	Future Communications with Higher-Symmetric Engineered Artificial Materials	COST ACTION CA18223	Cyprus' Delegate in Management Committee
5	2008-2012	RF/Microwave Communication Subsystems for Emerging Wireless Technologies	COST ACTION IC0803	Cyprus' Delegate in Management Committee

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees				
Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2022-now	IEEE Open Journal of Circuits and Systems	Associate Editor	Assigning reviewers and making decisions on the publication of manuscripts
2	2021-now	IEEE ACCESS	Associate Editor	Assigning reviewers and making decisions on the publication of manuscripts
3	2019-now	MOCAS	TPC Member	Reviewing and making decisions on the publication of manuscripts

Awards / International Recognition

Ref. Number	Date	Title	Awarded by:
1	2019	Best Paper Award on Communications S. Arain, A. Quddious, A. Saghir, S. Nikolaou, and P. Vryonides , "Reconfigurable BPF with Wide Tuning Bandwidth Range Using Open- and Short-Ended Stubs," in <i>2019 8th International Conference on Modern Circuits and Systems Technologies (MOCAST)</i> , 2019, pp. 1-4: IEEE.	MOCAST

Other Achievements			
Ref. Number	Date	Title	Key Activities:
1	1999-2002	Overseas Research Scholarship (ORS)	For PhD degree, UMIST, UK