ΦΟΡΕΑΣ ΔΙΑΣΦΑΛΙΣΗΣ ΚΑΙ ΠΙΣΤΟΠΟΙΗΣΗΣ ΤΗΣ ΠΟΙΟΤΗΤΑΣ ΤΗΣ ΑΝΩΤΕΡΗΣ ΕΚΠΑΙΔΕΥΣΗΣ
CYPRUS AGENCY OF QUALITY ASSURANCE AND ACCREDITATION IN HIGHER EDUCATION

Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Trihinas
Name:	Demetris
Rank/Position:	Lecturer
Faculty:	Sciences and Engineering
Department:	Computer Science
Scientific Domain: *	Big Data Management and Processing

* Field of Specialization

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2018	University of Cyprus	Computer Science	Low-Cost Approximate and Adaptive Monitoring Techniques
MSc	2015	University of Cyprus	Computer Science	Monitoring Elastically Adaptive Cloud Services
Dipl.-Ing.	2012	National Technical University of Athens	Electrical and Computer Engineering	Research and Development of a Web Service for Data-Intensive StorageClouds

Employment history in Academic Institutions/Research Centers–List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
09/2018	Current Date	University of Nicosia	Nicosia	Full-Time Faculty Member
01/2018	08/2018	University of Cyprus	Nicosia	Postdoctoral Researcher
11/2012	12/2017	University of Cyprus	Nicosia	Special Scientist

Key _refereed_ journal papers, monographs, books,conference publicationsetc.List the five (5) more recent and other five (5) selected–(max total 10)						
Ref. Number	Year	Title	Other authors	Journaland Publisher / Conference	Vol.	Pages
1	2020	A Self-stabilizing Control Plane for Fog Ecosystems	Zacharias Georgiou, Chryssis Georgiou, George Pallis, Elad Michael Schiller	13th IEEE/ACM International Conference on Utility and Cloud Computing (UCC 2020)	-	13-22
2	2020	Fogify: A Fog Computing Emulation Framework	MoysisSymeonides, Zacharias Georgiou, George Pallis, Marios D. Dikaiakos	5th ACM/IEEE Symposium on Edge Computing (SEC 2020)	-	-
3	2020	Interoperable Data Extraction and Analytics Queries over Blockchains	-	Transactions on Large-Scale Data- and Knowledge-Centered Systems XLV	12390	1-26
4	2020	A Multi-Factor Analysis of Forecasting Methods: A Study on the M4 Competition	Pantelis Agathangelou, Ioannis Katakis	Data	5	41
5	2019	Datachain: A Query Framework for Blockchains	-	11th ACM International Conference on Management of Digital EcoSystems (MEDES 2019)	-	134-141
6	2019	Query-driven descriptive	Moysis Symeonides,	2019 IEEE	-	1-11

			analytics for IoT and edge computing	Zacharias Georgiou, George Pallis, Marios Dikaiakos	International Conference on Cloud Engineering (IC2E)		
7	2018		DevOps as a Service: Pushing the Boundaries of Microservice Adoption	Athanasios Tryfonos, Marios D. Dikaiakos, George Pallis	IEEE Internet Computing	22	65-71
8	2018		ATMoN: Adapting the "Temporality" in Large-Scale Dynamic Networks	Luis F. Chiroque,George Pallis, Antonio A. Fernandez, Marios D. Dikaiakos	IEEE International Conference on Distributed Computing Systems (ICDCS 2018)	-	400-410
9	2018		Low-Cost Adaptive Monitoring Techniques for the Internet of Things	George Pallis, Marios D. Dikaiakos	IEEE Transactions on Services Computing	-	14
10	2017		ADMin: Adaptive Monitoring Dissemination for the Internet of Things	George Pallis, Marios D. Dikaiakos	IEEE International Conference on Computer Communications (INFOCOM 2017)	-	-

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	10/2020	FlockAI: An AI Enabled Framework to Boost Battery Autonomy and Decentralized Data Routing for Drone Swarms	UNIC Seed Grant Scheme (2020-2022)	Principle Investigator
2	01/2020	RAINBOW: An Open, Trusted Fog Computing Platform Facilitating the Deployment, Orchestration and Management of Scalable, Heterogeneous and Secure IoT Services	European Commission (H2020 Framework)	WP Leader
3	01/2017	Unicorn: A Novel Framework for Multi- Cloud Services Development, Orchestration, Deployment and Continuous Management Fostering Cloud Technologies Uptake from Digital SMEs/Startups	European Commission (H2020 Framework)	WP Leader
4	11/2013	PaaSport: A Semantically-Enhanced Marketplace of Interoperable Platform-as-a-Service Offerings	European Commission (FP7 Framework)	Researcher
5	10/2012	CELAR: Automatic, multi-grained elasticity provisioning for the Cloud	European Commission (FP7 Framework)	Researcher

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

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees. List the five (5) more recent (Optional Entry)				
Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2020 – To Date	IEEE/ACM CCGRID conference	PC Member	-
2	2020 – To Date	IEEE/ACM UCC conference	PC Member	-
3	2019 – To Date	IEEE IC2E conference	PC Member	-
4	2018 - 2020	CEN/ CENELEC	Standardization committee member	CWA-17494: Analytics Insights and Scaling Policies for Microservices
5	2015 - 2017	DIN SPEC	Standardization committee member	Application Management Interface for Cloud Application Platforms.

Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected. (max total 10)(Optional Entry)			
Ref. Number	**Date**	**Title**	**Awarded by:**
1	2020	Best Demo Award	5th ACM/IEEE Symposium on Edge Computing (ACM/IEEE SEC 2020)
2	2019	First Place - People's Award for Research	Fourth Innovation and Entrepreneurship Forum Cyprus (IEF 2019)
3	2015	Selected as one of the top 100 young researchers in the field Computer Science	Heidelberg Laureate Forum
4	2014	Best Post-Graduate Student Award	School of Pure and Applied Sciences, University of Cyprus
5	2014	Best Paper Award	12th International Conference on Service Oriented Computing