

Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Trihinas
Name:	Demetris
Rank:	Lecturer
Faculty:	School of Sciences and Engineering
Department:	Computer Science
Scientific Domain:	Big Data Analytics, Data Mining, Distributed Computing, Internet Computing

Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title
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 Storage Clouds

Employment history

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 publications etc.						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2018	DevOps as a Service: Pushing the Boundaries of Microservice Adoption	Athanasios Tryfonos, Marios D. Dikaiakos, George Pallis	IEEE Internet Computing	22	65-71
2	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
3	2018	Low-Cost Adaptive Monitoring Techniques for the Internet of Things	George Pallis, Marios D. Dikaiakos	IEEE Transactions on Services Computing	-	Early Access
4	2017	Improving Rule-Based Elasticity Control by Adapting the Sensitivity of the Auto-Scaling Decision Timeframe	Zacharias Georgiou, George Pallis, Marios D. Dikaiakos	Third International Conference on Algorithmic Aspects of Cloud Computing (ALGO CLOUD 2017)	10739	123-137
5	2017	ADMin: Adaptive Monitoring Dissemination for the Internet of Things	George Pallis, Marios D. Dikaiakos	IEEE International Conference on Computer Communications (INFOCOM 2017)	-	-
6	2016	Monitoring Elastically Adaptive Cloud Services	George Pallis, Marios D. Dikaiakos	IEEE Transactions on Cloud Computing	6	800 - 814
7	2015	AdaM: an Adaptive Monitoring Framework for Sampling and Filtering on IoT Devices	George Pallis, Marios D. Dikaiakos	IEEE International Conference on Big Data (IEEE BigData 2015)	-	717-726
8	2015	Enabling Interoperable Cloud Application Management through an Open Source Ecosystem	Nicholas Loulloudes, Chrystalla Sofokleous, George Pallis, Marios D. Dikaiakos	IEEE Internet Computing	19	54 - 59

9	2014	[Best Paper] ADVISE – a Framework for Evaluating Cloud Service Elasticity Behavior	Georgiana Copil, Daniel Moldovan, George Pallis, Marios D. Dikaiakos, Schahram Dustdar	International Conference on Service Oriented Computing (ICSOC 2014)	8831	275-290
10	2014	JCatascopia: Monitoring Elastically Adaptive Applications in the Cloud	George Pallis, Marios D. Dikaiakos	IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing (CCGRID 2014)	-	226-235

Research Projects.

Ref. Number	Date	Title	Funded by	Project Role
1	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
2	11/2013	PaaSPort: a Semantically- Enhanced Marketplace of Interoperable Platform-as-a-Service Offerings	European Commission (FP7 Framework)	Researcher
3	10/2012	CELAR: Automatic, multi-grained elasticity provisioning for the Cloud	European Commission (FP7 Framework)	Researcher

Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	11/2018 – Current Date	CEN CENELEC	Standardization committee member	[tentative title] European Specification for DevOps Measurement Definition

2	2015 - 2017	DIN SPEC	Standardization committee member	Application Management Interface for Cloud Application Platforms.
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Awards / International Recognition			
Ref. Number	Date	Title	Awarded by:
1	2015	Selected as one of the top 100 young researchers in the field Computer Science	Heidelberg Laureate Forum
2	2014	Best Post-Graduate Student Award	School of Pure and Applied Sciences, University of Cyprus
3	2014	Best Paper Award	12th International Conference on Service Oriented Computing