



### Academic Personnel Short Profile / Short CV

<b>University:</b>	Neapolis University Pafos
<b>Surname:</b>	Kakoulli
<b>Name:</b>	Elena
<b>Rank/Position:</b>	Lecturer
<b>Faculty:</b>	Economics, Administration and Computer Science
<b>Department:</b>	Computer Science
<b>Scientific Domain: *</b>	Information Technologies

\* *Field of Specialization*

### Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Ph.D.	2015	Cyprus University of Technology	Computer Engineering & Informatics	Development of methodologies to enhance the performance of networks-on-chips in Chip Multiprocessor architectures
M.Sc.	2009	University of Cyprus	Computer Science	Mobility for Coverage Control in Wireless Sensor Networks
B.Sc.	2007	University of Cyprus	Computer Science	
Secondary B.Sc. (Minor)	2007	University of Cyprus	Electrical Engineering and Computer Engineering	

### Employment history in Academic Institutions/Research Centers – List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
10/2019	Now	Neapolis University Pafos	Pafos, Cyprus	Lecturer

9/2018	Now	Cyprus University of Technology	Limassol, Cyprus	Special Scientist
02/2018	5/2018	Cti EUROCOLLEGE	Limassol, Cyprus	Lecturer in Computer Science

<b>Key <u>refereed</u> journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)</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	2021	Trident: Task Scheduling over Tiered Storage Systems in Big Data Platforms	H. Herodotou	Proc. of VLDB Endowment (PVLDB)	14	1570-1582
2	2019	Automating Distributed Tiered Storage Management in Cluster Computing	H. Herodotou	Proc. of VLDB Endowment (PVLDB)	13	43-56
3	2018	OctopusFS in Action: Tiered Storage Management for Data Intensive Computing	N. D. Karmiris, and H. Herodotou	Demo, Proc. of VLDB Endowment (PVLDB '18)	11	1914-1917
4	2017	OctopusFS: A Distributed File System with Tiered Storage Management	H. Herodotou	In Proceedings of the ACM International Conference on Management of Data (SIGMOD '17)		65-78
5	2017	Silica-Embedded Silicon Nanophotonic On-Chip Networks	V. Soteriou, C. Koutsides and K. Kalli	In IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems (TCAD)	36	978-991
6	2016	A Holistic Approach Towards Intelligent Hotspot Prevention in Network-on-Chip-Based Multicores	V. Soteriou and T. Theocharides	In IEEE Transactions on Computers (TOC)	65	819-833

7	2012	Intelligent Hotspot Prediction for Network-on-Chip-Based Multicore Systems	V. Soteriou and T. Theocharides	In IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems (TCAD)	31	418-431
8	2015	Design of High-Performance, Power-Efficient Optical NoCs Using Silica-Embedded Silicon Nanophotonics	V. Soteriou, C. Koutsides and K. Kalli	In Proceedings of the 33rd IEEE International Conference on Computer Design (ICCD)		1-8
9	2015	Towards High-Performance and Power-Efficient Optical NoCs Using Silicon-in-Silica Photonic Components	Vassos Soteriou, Charalambos Koutsides and Kyriacos Kalli	In Proceedings of the 9th HiPEAC Interconnection Network Architecture: On-Chip, Multi-Chip Workshop (INA-OCCM)		
10	2012	HPRA: A Pro-Active Hotspot-Preventive High-Performance Routing Algorithm for Networks-on-Chips	V. Soteriou and T. Theocharides	In Proceedings of the 30th International Conference on Computer Design (ICCD)		249 - 255

**Exhibitions (where applicable). List the five (5) more recent and other five (5) selected. (max total 10)**

Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
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*\*Specify venue, geographic location etc*

<b>Research Projects. List the five (5) more recent and other five (5) selected (max total 10)</b>				
<b>Ref. Number</b>	<b>Date</b>	<b>Title</b>	<b>Funded by</b>	<b>Project Role*</b>
1	6/2021 – now	Sharing my Learning (Platform-Network-Toolkit)	European Commission (Erasmus+)	Research Associate
2	2/2016 – 5/2017	Distributed Multi-tier Storage for Cluster Computing	Cyprus University of Technology Startup Grant	Research Associate
3	06/2012-11/2014	Exploring high-throughput multidimensional on-chip interconnection network topologies and architectures using in-silicon photonic interconnects.	Cyprus Research Organization (PENEK/0311/06)	Young Researcher
4	2010-2012	Energy-Efficient Embedded and Mobile Multiprocessor System-on-Chip Architectures	Cyprus Research Organization (ΤΠΕ/ΠΛΗΡΟ/0308(ΒΙΕ)/04)	Postgraduate Researcher
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*\*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
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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	06/2009	1st Prize in the Postgraduate Program of Advanced Technologies of Information technology at the level of Master's Degree.	University of Cyprus
2	06/2009	Received "Marios Tsakalakis" Prize	University of Cyprus & Marfin Laiki Bank
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Other Achievements. List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	Date	Title	Key Activities:

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