

Academic Personnel Short Profile / Short CV

University:	Frederick University
Surname:	Pericleous
Name:	Savvas
Rank/Position:	Assistant Professor
Faculty:	Engineering
Department:	Electrical and Computer Engineering and Informatics
Scientific Domain:	Algorithms – Specialization: Computational Algebra and Geometry

Academic qualifications				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2002	University of Bath, UK.	Computer Science	Complexity bounds for cylindrical cell decompositions of sub-Pfaffian sets
Master of Advanced Studies (MASt) in Mathematics	1998	Cambridge University, UK	Faculty of Mathematics	Grobner Bases
BSc (Hons) Mathematics with Statistics	1997	Leeds University, UK	Combined Studies	--

Employment history in Academic Institutions/Research Centers

Period of employment		Employer	Location	Position
From	To			
2019	now	Frederick University	Nicosia, Cyprus	Assistant Professor
2007	2019	Frederick University	Nicosia, Cyprus	Lecturer
2005	2007	Frederick Institute of Technology	Nicosia, Cyprus	Lecturer
2003	2004	Institut de Recherche Mathematique de Rennes (IRMAR), Universite de Rennes 1	Rennes, France	Post-doc Researcher

Key refereed journal papers, monographs, books, conference publications etc.

Ref. No.	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2024	First-year engineering students' affective behavior about mathematics in relation to their performance	A. Panaoura, M. Charalambides, E. Tsolaki	European Journal of Science and Mathematics Education	12(1)	128 - 138
2	2023	First Year Engineering Students' Difficulties with Math Courses - What Is the Starting .Point for Academic Teachers?	M. Charalambides, A. Panaoura, E. Tsolaki	Education Sciences	13	835
3	2019	A Multi-Objective Indoor Localization Service for Smartphones	A. Konstantinidis, A. Demetriades	34th ACM/SIGAPP Symposium on Applied Computing, Cyprus		1174-1181
4	2018	Meta-Lamarckian Learning in Multi-Objective Optimization for Mobile Social Network Search	A. Konstantinidis, C. Charalambous	Applied Soft Computing	67	70-93
5	2017	Generic Hybridization of MOEA/D with Learning for Permutation Flow Shop Scheduling Problem	A. Konstantinidis, A. Achilleos, G. A. Papadopoulos	IEEE Xplore Online Proceedings of 8th Int. Conf. on Information, Intelligence, Systems and Applications (IISA2017), Cyprus	--	1-6

6	2014	Adaptive Evolutionary Algorithm for a Multi-Objective VRP	A. Konstantinidis, C. Charalambous	International Journal on Engineering Intelligent Systems, CRL Publishing	22 (3/4)	145-162
7	2013	MOEA/D for a Tri-Objective Vehicle Routing Problem	A. Konstantinidis, C. Charalambous	Proceedings of Artificial Intelligence Applications and Innovations Conf. (AIAI2013)	--	131-140
8	2012	Selecting the Product Portfolio for Production in Manufacturing Systems Using Multi-objective Evolutionary Algorithms Based on Decomposition	C. Charalambous A. Konstantinidis	International Conf. on Computational Management Science, Imperial College, London	--	47
9	2003	New complexity bounds for cylindrical cell decompositions of sub-Pfaffian sets	N. Vorobjov	Discrete and Computational Geometry, The Goodman and Pollack Festschrift Volume, Springer Verlag	--	673-694
10	2001	Complexity bounds for cylindrical cell decompositions of sub-Pfaffian sets	N. Vorobjov	Proceedings of International Symposium on Symbolic and Algebraic Computation (ISSAC)	--	268-275

Research Projects				
Ref. Number	Date	Title	Funded by	Project Role
1	2022 – 2024	Food Waste Management Information System for Hotels (FW4H).	Research & Innovation Foundation (IĎEK)	Research Team Member
2	2010 – 2012	Novel Technologies for Production Planning in Flexible Supply Chains	Cyprus Research Promotion Foundation	Research Team Member
3	2006 – 2009	Development of New Conformal Prediction Methods with Applications in Medical Diagnosis	Cyprus Research Promotion Foundation	Research Team Member
4	2006 – 2008	Novel Technologies for resource and supply chain optimisation in the glass cutting industry	Cyprus Research Promotion Foundation	Research Team Member
5	2006 – 2009	Intensive Programme “Improving the Security Knowledge in ICT - Advanced Technologies”	Erasmus Mobility, EU	Team Member (teaching activities)
6	2003 – 2004	European Research Network RAAG (Real Algebraic and Analytic Geometry)	EU	Post-doc Researcher

Awards / Scholarships			
Ref. Number	Date	Title	Key Activities:
1	1998 – 2002	Awarded a Project Studentship - Full scholarship for postgraduate studies at Bath University, UK	E.P.S.R.C (UK)
2	1998	Awarded a full scholarship to pursue postgraduate studies in Canada (1 scholarship given annually for Cyprus)	Cyprus Commonwealth Trust
3	1997	Partial funding for postgraduate studies at Cambridge University, UK	Cambridge Commonwealth Trust and Leventis Foundation
4	1997	William Williams Prize in Department of Combined Studies in Science for 1996-97, awarded to the most outstanding final-year student	Leeds University