



Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Drakonakis
Name:	Vasileios
Rank:	Adjunct Faculty
Faculty:	Sciences and Engineering
Department:	Engineering
Scientific Domain: *	Materials Engineering

* *Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title
Doctorate of Philosophy	2012	University of Texas at Arlington	Industrial Manufacturing and Systems Engineering	CNT Reinforced Epoxy Foamed and Electrospun Nano-Fiber Interlayer Systems for Manufacturing Lighter and Stronger Featherweight Composites
Diploma Engineer	2008	University of Patras	Mechanical and Aeronautics Engineering	<i>Main thesis:</i> Research in Viscoelastic, Thermal & Dynamic Behavior of Nano-composite Materials (PET Based Films Reinforced with Carbon Nanotubes) <i>Fourth Year thesis:</i> Thermal Analysis and Design of Young Engineers' Satellite 2 (YES2), a European Space Agency project



Employment history–List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
2015	Today	University of Nicosia	Nicosia	Adjunct Faculty
2016	Today	Cyprus Maritime Academy	Larnaca, Nicosia	Adjunct Lecturer
2015	Today	R&D SME	Nicosia	Managing Director

Key *refereed* journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected–(max total 10)

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2018	Process for Making Hybrid (Fiber-NanoFiber) Textiles through Efficient Fiber-to-NanoFiber Bonds Comprising Novel Effective Load-Transfer Mechanisms	Sofocleous K	European Patent Office WO2018099910		
2	2016	The influence of carbon nanotubes and shape memory alloy wires to controlled impact resistance of polymer composites	Sofocleous K., Ogin S.L., and Doumanidis C.C.	Journal of Composite Materials	doi:10.1177/0021998316640594	
3	2015	Modulus-Density Negative Correlation for CNT-Reinforced Polymer Nanocomposites:	Aureli M.; and J. C. Seferis; C. C. Doumanidis	Composites Part B: Engineering	70	175-183

		Modeling and Experiments				
4	2015	Methods for Improving the Lifetime Performance of Organic Photovoltaics with Low-Costing Encapsulation	Giannouli M.; Savva A.; Florides G.; Choulis S. A.	Special Issue of ChemPhysChem on Organic Electronics	16	1134-1154
5	2014	Feather-inspired strong, light layered composites	Velisaris C. N.; and J. C. Seferis; C. C. Doumanidis	SPE Plastics Research Online - Plastics Nanotechnology	Invited Paper	
6	2014	Investigating electrodes degradation in organic photovoltaics through reverse engineering under accelerated humidity lifetime conditions	Savva A.; Kokonou M.; and Choulis S. A.	Solar Energy Materials and Solar Cells Journal	130	544-550
7	2014	Feather-Inspired Carbon Fiber Reinforced Polymers with Nanofibrous Fractal Interlayer	Velisaris C. N.; and J. C. Seferis; C. C. Doumanidis;	Polymer Composites Journal	37	168-181
8	2014	Featherweight Composites Manufactured by Selective Nanobridization with Potential Applications in the Automotive Industry	Kamp, C.J.; Seferis, J.C.; Arnold, M.	SAE International Journal of Materials and Manufacturing	7	662 – 670
9	2013	Controlled impact testing of woven fabric composites with and without reinforcing SMA wires	Sofocleous K.; Ogin S.; Tsakiroopoulos P.; Doumanidis C.	Journal of Composite Materials	doi:10.1177/0021998313514253	
10	2013	Curing pressure influence of out-of-autoclave processing on structural composites for commercial aviation	Seferis J. C.; Doumanidis C. C.	Advances in Materials Science and Engineering	Article ID 356824	14



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	05/2019	Nano-Enabling of Carbon Fibre Reinforced Composites for Improving "Through Thickness" Electrical Conductivity	Research Promotion Foundation	Principal Investigator / Project Manager
2	04/2019	Intelligent Roll-to-Roll Processing of Advanced Carbon Fabrics based on Machine Learning and Non-Linear Automatic Control	Research Promotion Foundation	Principal Investigator / Project Manager
3	03/2019	NanoWeld® Technology Assessment for Space Multi-Functional Composites	European Space Agency	Principal Investigator / Project Manager
4	11/2018	Nano-Controlled Porosity for Multifunctional Fibre Reinforced Polymer Composites	Research Promotion Foundation	Principal Investigator / Project Manager
5	05/2018	Production and Commercialisation of Ultra Strong Multi-Functional Carbon Fibre Textiles through Nanofibre - Fibre Effective Bonding	Research Promotion Foundation	Principal Investigator / Project Manager

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



**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected.
(max total 10)**

Ref. Number	Date	Title	Awarded by:
1	Nov 2017	3 rd Prize, Innovation & Entrepreneurship Forum (2017),	The Hellenic Initiative Award, Cyprus
2	Sep 2016	1 st Prize-Innovation & Entrepreneurship Award	Climate-KIC Launchpad, Cyprus National Competition for the project called NanoWeld.
3	Mar 2010	Innovation award (2009-2010)	Air Force Office of Scientific Research (AFOSR) for the work on "Featherweight™ Composites" research project
4	April 2009	Winner of the 2009 Young Aerospace Engineer of the Year – Technology and Innovation;	The Technology and Innovation Award; "Aerospace Testing, Design and Manufacturing 2009"