

Academic Personnel Short Profile / Short CV

University:	Frederick University
Surname:	Xeni
Name:	Flouris
Rank/Position:	Special Teaching Staff
School:	Engineering
Department:	Mechanical Engineering
Scientific Domain:	Fluid Mechanics, Thermodynamics, CFD, Energy & RES, Oil & Gas, MEP installations in buildings

Academic qualifications				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
MBA	2009	University of Cyprus	Faculty of Economics and Management	A real option analysis valuation model applied for C&W stock price valuation
Mechanical Engineering	2006	National Technical University of Athens	Mechanical Engineering Department	A solid surface – vortex particle interaction model applicable to helicopter rotors by means of a CFD program code. Analysis of aerodynamic BVI (blade-vortex interaction) noise in helicopter rotors

Employment history in Academic Institutions/Research Centers					
Period of employment		Employer	Location	Position	
From	To				
January 2018	Today	Open University Cyprus	Nicosia	Research Scientist	
September 2016	Today	Frederick University	Nicosia	Visiting Lecturer	
November 2011	July 2018	Cyprus University of Technology	Limassol	Research Scientist	

Key refereed journal papers, monographs, books, conference publications etc.						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2020	Life cycle analysis in the framework of agricultural strategic development planning in the Balkan region	Tsangs M., Gavriel I., Doula M., Zorpas AA	Sustainability (Switzerland)	12(5)	1-15 (1813)
2	2017	Overview and future challenges of nearly zero energy buildings (nZEB) design in Southern Europe	S. Attia, P. Eleftheriou, R. Morlot, C. Menezo, V. Kostopoulos, M. Betsi, I. Kalaitzoglou, L. Pagliano, M. Cellura, M. Almeida, M. Ferreira, T. Baracu, R. Crutescu, J.M. Hidalgo-Betanzos	Energy and Buildings	155	439-458
3	2016	Retrofitting towards nZEB – a Cyprus Case Study for residential buildings	P. Eleftheriou, N. Paraskeva	Splitech 2016		
4	2015	In situ U-value measurements for today's Cypriot houses	P. Eleftheriou, I. Michaelides, S. Hadjiyiannis, P. Philimis, A. Stylianos	International Journal of Sustainable Energy	34	248-258

Research Projects				
Ref. Number	Date	Title	Funded by	Project Role
1	01/2018 – 07/2018	Towards farms with zero carbon-, waste- and water-footprint. Roadmap for sustainable management strategies for Balkan agricultural	Cross-Border Cooperation Program Interreg Balkan – Mediterranean 2014 – 2020.	Research Associate
2	01/2015 – 03/2017	nZEB training in the Southern EU countries – Maintaining building traditions (SouthZEB)	Intelligent Energy Europe	Research Associate
3	11/2013 – 10/2014	Molecular Electronics and Photonics	Research Promotion Foundation (cofounded by the Cyprus Government and the EU Structural funds)	Research Associate
4	11/2011 – 04/2013	Establishing the Energy Losses of the Typical Cypriot Residence	Research Promotion Foundation (cofounded by the Cyprus Government and the EU Structural funds)	Research Associate
5	11/2011 – 10 2013	Moving from Inspection to Domestic Advice by Service Companies (MOVIDA)	Intelligent Energy Europe	Research Associate

Awards / International Recognition			
Ref. Number	Date	Title	Awarded by:
1	2003-2004	Award of excellence for the academic year 2003-2004	National Institute of Greece for Scholarships (IKY)
2	2002-2003	Award of excellence for the academic year 2002-2003	National Institute of Greece for Scholarships (IKY)

3	2000-2005	5-year scholarship for undergraduate studies	National Institute of Greece for Scholarships (IKY)
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Other Achievements			
Ref. Number	Date	Title	Key Activities:
1	2023	Subsidy for energy efficiency measures in industrial production line	Consultant Engineer (design, implementation and verification of energy efficiency measures coupled with RES for offsetting energy consumption from fossil fuels by more than 90%). Obtained EU and national funding of €300k
2	2022	Subsidy for energy efficiency measures in industrial applications	Consultant Engineer (design, implementation and verification of energy retrofit in food refrigeration installations coupled with RES for offsetting energy consumption from fossil fuels by more than 75%) in various projects. Obtained EU and national funding of more than €500k
3	2022	Subsidy for energy efficiency measures in commercial building applications	Consultant Engineer (design, implementation and verification of energy retrofit measures in the hotel industry coupled with RES for offsetting energy consumption from fossil fuels by more than 80%) in various hotels. Obtained EU and national funding of more than €2m
4	2021	Subsidy for energy efficiency measures in residential buildings	Consultant Engineer (design, implementation and verification of energy retrofit measures in residential buildings) in more than 30 different projects. Obtained EU and national funding of more than €1m
5	2018	Subsidy for energy efficiency measures in residential buildings	Consultant Engineer (design, implementation and verification of energy retrofit measures in residential buildings) in more than 30 different projects. Obtained EU and national funding of more than €1m
6	2016	Subsidy for energy efficiency measures in commercial buildings	Consultant Engineer (design, implementation and verification of energy retrofit measures in office buildings). Obtained EU and national funding of more than €250k
7	2015	Subsidy for energy efficiency measures in residential buildings	Consultant Engineer (design, implementation and verification of energy retrofit measures in residential

			buildings) in more than 20 different projects. Obtained EU and national funding of more than €500k
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