



## Academic Personnel Short Profile / Short CV

<b>University:</b>	Frederick University
<b>Surname:</b>	Hadjiyiannis
<b>Name:</b>	Constantinos
<b>Rank/Position:</b>	Visiting Lecturer
<b>School:</b>	Engineering
<b>Department:</b>	Mechanical Engineering
<b>Scientific Domain:</b>	Mechanical Engineering, Thermofluids, Renewable Energy Resources

### Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD in Mechanical Engineering	2014	Imperial College London	Mechanical Engineering, Thermofluids	Investigation of break-up of liquid jets and downstream spray characteristics in air-blast atomisers.
BSc, MSc in Mechanical Engineering (5-year degree)	2009	National Technical University of Athens	Mechanical Engineering	Experimental investigation of flow control in a backward facing step in a wind tunnel, by using hot wire anemometry, Particle Image Velocimetry (PIV) and flow visualisation. A number of jets issuing at the edge of the step influence the flow so that the reattachment point moves upstream

### Employment history in Academic Institutions/Research Centers

Period of employment		Employer	Location	Position
From	To			
February 2017	Present	Frederick Institute of Technology	Nicosia	Senior Lecturer, coordinator of program of study "Mechanical Installations Technician"
October 2019	Present	Frederick University	Nicosia	Part-time Lecturer in Mechanical Engineering (Undergraduate courses: OG 400, OG 403, ME 310 Postgraduate course: MES 532)
September 2017	Present	Open University of Cyprus	Nicosia	Part-time Lecturer (DL course: SES 614)
March 2018	February 2019	Energyintel Services	Nicosia	Project Manager of Intelcon project

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

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2013	Simultaneous measurement of primary break-up and downstream spray characteristics in cross-flow atomization	S. Sahu, G. Charalampous and Y. Hardalupas	European Combustion Meeting, Lund, Sweden		
2	2013	Simultaneous measurement of primary break-up and downstream spray characteristics in cross-flow atomization	S. Sahu, G. Charalampous and Y. Hardalupas	International Conference on Multiphase Flow, Jeju, Korea		
3	2012	Numerical and experimental investigation of the optical connectivity technique in cross-flow atomization	G. Charalampous and Y. Hardalupas	12 <sup>th</sup> Triennial International Conference on Liquid Atomisation and Spray Systems, Heidelberg, Germany		
4	2011	Proper Orthogonal Decomposition analysis of photographic and optical connectivity time resolved images of an atomizing liquid jet	G. Charalampous and Y. Hardalupas	24 <sup>th</sup> Annual Conference on Liquid Atomisation and		

				Spray Systems, Estoril, Portugal		
5	2010	Measurement of continuous liquid jet length in atomisers with optical connectivity, electrical conductivity and high-speed photography techniques	G. Charalampous and Y. Hardalupas	23 <sup>rd</sup> Annual Conference on Liquid Atomisation and Spray Systems, Brno, Czech Republic		

Research Projects				
Ref. Number	Date	Title	Funded by	Project Role
1	03/2018 – 02/2019	Optimization of a Heating, Cooling and Domestic Hot Water combined system	Government of Cyprus	Project Manager
2	09/2009 – 10/2014	PhD thesis title: Investigation of break-up of liquid jets and downstream spray characteristics in air-blast atomisers	Supported by Rolls Royce Plc and funded by EPSRC	PhD student

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees				
Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2009 – present	Cyprus Scientific and Technical Chamber (ETEK)	Professional membership	
2	2009 – present	Cyprus Council for the Recognition of Higher Education Qualifications (K.Y.S.A.T.S)	Professional membership	

<b>Awards / International Recognition</b>			
<b>Ref. Number</b>	<b>Date</b>	<b>Title</b>	<b>Awarded by:</b>
1	2009 – 2014	4-year funding for PhD research	Engineering and Physical Sciences Research Council in the UK (EPSRC)
2	2010-2013	3-year scholarship for PhD studies	National Institute of Cyprus for Scholarships (IKYK)

<b>Other Achievements</b>			
<b>Ref. Number</b>	<b>Date</b>	<b>Title</b>	<b>Key Activities:</b>
1	2017	Sponsorship to enhance the competitiveness of small- and medium size enterprises in the manufacturing sector and other targeted economic activities	Director