



## Academic Personnel Short Profile / Short CV

<b>University:</b>	Frederick University
<b>Surname:</b>	Demosthenous
<b>Name:</b>	George
<b>Rank/Position:</b>	Professor / Rector of the University / Director of the UNESCO Chair on Life Long Learning and Adult Education
<b>School:</b>	Engineering
<b>Department:</b>	Mechanical Engineering
<b>Scientific Domain:</b>	Manufacturing Processes / Engineering Design / Quality Assurance And Life Long Learning

### Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	1996	National Technical University of Athens (NTUA), Greece	Mechanical Engineering	Crashworthy characteristics of composite thin-walled structural components
Postgraduate Certificate	1990	NTUA, Greece	Mechanical Engineering	Numerical Applications in Mechanical Engineering
Dip-Eng (Integrated Master) (5 years Degree)	1989	NTUA, Greece	Mechanical Engineering	Axial collapse of thin-walled fibreglass composite tubular components

### Employment history in Academic Institutions/Research Centers

Period of employment		Employer	Location	Position
From	To			
9/2013	Present	Frederick University	Nicosia, Cyprus	Professor, Rector
9/2007	8/2011			Professor, Vice Rector
8/2011	2/2013	Republic of Cyprus	Nicosia, Cyprus	Minister of Education and Culture

1996	2007	Frederick Institute of Technology	Nicosia, Cyprus	Associate-Assistant Professor/Lecturer, Head of ME Dept.
1990	1996	NTUA	Greece	Research Associate
1989	1995	Technological Educational Institute of Piraeus	Greece	Application Professor

**Key refereed journal papers, monographs, books, conference publications etc.  
(Indicative Publications)**

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2020	Identifying the Factors that Influence the Degree of Quality and Equity in Education during the Pandemic in a Higher Education Institution.	Eteokleous N. & Panaoura, R	Teachers and Teaching: Theory and Practice	(accepted)	
2	2019	Students' behaviour during collaborative assignment in online learning environments. Assessment and Evaluation in Higher Education	Panaoura R., Eteokleous N.	International Journal of Technology in Education and Science (IJTES)	4(2)	108-117
3	2019	Ecosystem functions and socio-economic impact study: The case of Koshi-Pallourokampos - a Natura 2000 site	Kounnamas C., Tsintides T., Eliades N-G., Andreou M.	ESP 10 World Conference, Hannover, Germany		
4	2018	Δια βίου μάθηση: Εκπαίδευση, Κατάρτιση και Επιμόρφωση εκπαιδευτικών. Ο ρόλος των Πανεπιστημιακών Ιδρυμάτων		Πρακτικά Πανελληνίου Συνεδρίου Νέος Παιδαγωγός		3471-3476
5	2017	Educational Robotics Curriculum by the Robotics Academy @ Frederick University: Developing 21 <sup>st</sup> Century Skills through Non-formal learning	Eteokleous N., Panaoura R., Baldoukas A.	Συνέδριο Ανοικτής και Εξ αποστάσεως εκπαίδευσης		
6	2017	Μη τυπική εκπαίδευση των γονιών και άτυπη μάθηση των παιδιών: η ανάπτυξη στρατηγικών επιμονής στη λύση μαθηματικού προβλήματος.	Panaoura R., Eteokleous N., Baldoukas A.	Πρακτικά Συνεδρίου ΕΝΕΔΙΜ. 7 <sup>ο</sup> Πανελλήνιο Συνέδριο Ένωσης Ερευνητών Διδακτικής Μαθηματικών		640-649
7	2012	Performance of Coated Dies in Hot Extrusion of Aluminum	Lontos A., Efstathiou K.,	Journal of the Balkan Tribological Association	18	1-17

8	2011	A Simulation Approach for Chaining the Forming-Welding-Crash Behaviour of Sheet Metal Structures	Papadakis L. Schober A. Zaeh M. F.	Key Engineering Materials	473	667-674
9	2009	Changing energy requirements in the Eastern Mediterranean under changing climatic conditions	Giannakopoulos C Hadjinicolaou P., Zerefos C.	Energies	2(4)	805-815
10	2007	Analysing Guardrail System Crash Behaviour in Cyprus	J. D. Reid	International Journal of Applied and Theoretical Mechanics (WSEAS Transactions)	2(3)	71-78
11	2006	An Algorithm for Tracing Planar Equidistant Curves	Omirou S.	Robotics and Computer-Integrated Manufacturing	22(4)	279-396
12	2005	Manufacturing Technology: Casting-Welding-Machining Processes-Forming Processes	Baldoukas A.	Patakis Publishing Company, Greece	Book	245
13	1998	Crashworthy characteristics of composite thin-walled structural components	Mamalis A., Manolakos D., Ioannidis M.	Technomic Publishing Company, Inc, USA	Book	259

<b>Research Projects (<i>Indicative Projects</i>)</b>				
<b>Ref. Number</b>	<b>Date</b>	<b>Title</b>	<b>Funded by</b>	<b>Project Role</b>
1.	2013-2017	Improving lowland forest habitats for Birds in Cyprus (LIFE13 NAT/CY/000176)	European Commission (LIFE+ Programme).	Beneficiary Coordinator
2.	2013-2017	Improving the conservation status of the priority habitat types *1520 and *5220 at the Rizoelia National Forest Park (LIFE12 NAT/CY/000758)	European Commission (LIFE+ Programme).	Beneficiary Coordinator
3.	2013-2015	Improving the conservation status of the priority habitat type 9560* (Endemic forests with Juniperus spp.) in Cyprus (LIFE10 NAT/CY/000717)	European Commission (LIFE+ Programme).	Beneficiary Coordinator
4.	2009-2011	Development And Operation Of Enterprise Liaison Offices In Universities Operating In The Republic Of Cyprus	EU Structural Funds and Cohesion Fund in Cyprus.	Scientific/Project Coordinator
5.	2007-2009	Development of an Integrated Design Methodology for the Production of Medium Scale Boats using the Resin Transfer Molding Technique	Research Promotion Foundation	Scientific/Project Coordinator

6.	2006-2008	Development of Innovative Computational and Experimental Procedures for the Classification of Thin Coatings	Research Promotion Foundation	Scientific/Project Coordinator
7.	2006-2008	Life Cycle Increase of Dies used for the Production of High Quality Aluminium Profiles through the implementation of Modern and Innovative Methods	Research Promotion Foundation	Scientific/Project Coordinator
8.	2006-2008	Reconstruction of Ancient Sculptures using Tomographies, PCs and Rapid Prototyping Methods	Research Promotion Foundation	Scientific/Project Coordinator
9.	2006-2008	Design and manufacturing of thin-wall composite light-weight structures	Research Promotion Foundation	Scientific/Project Coordinator
10.	2005-2010	Design of a new high surface hardness and complicated geometry die for the extrusion of high accuracy aluminium profiles	Research Promotion Foundation	Scientific/Project Coordinator
11.	2005-2007	Design of a new road restraint system for the reduction of vehicle impact severity and the improvement of vehicle crash safety	Research Promotion Foundation	Scientific/Project Coordinator
12.	2004-2007	New guardrail system design for critical collision cases in Cyprus highways	Research Promotion Foundation	Scientific/Project Coordinator
13.	2004-2006	Design and manufacturing of fiber-reinforced composite high-pressure pipes capable for corrosion liquids	Research Promotion Foundation	Scientific/Project Coordinator

<b>Service to the University</b>			
<b>Ref. Number</b>	<b>Period</b>	<b>Title of Position or Service</b>	<b>Key Activities</b>
1.	2020-2024 2015-2019	Rector	Chairperson of the Senate and Member of the University Council
2.	2020	Director of UNESCO Chair	UNESCO Chair on Adults Education and Life Long Learning
3.	2013-2015 2010-2011	Acting Rector	Chairperson of the Senate and Member of the University Council
4.	2009-2011	Scientific Coordinator of the Enterprise Liaison Office	Management and Coordination of the University Enterprise Liaison Office
5.	2008-2011	Vice-Rector	Member of the Senate and Secretariat of the University Council

6.	2007-2008	Head of the Mechanical Engineering Department	BSc Programme Coordinator
7.	2006-2007	Secretariat	Interim Governing Board of the University

<b>Service to the Society and/or Participation in Councils / Boards</b>			
<b>Ref. Number</b>	<b>Period</b>	<b>Organization</b>	<b>Title of Position or Service</b>
1.	2020	External Advisory Board of the EU-CONEXUS (European University for Smart Urban Coastal Sustainability)	Member
2.	2020	Member of the Organizing Committee for the celebrations to mark the 200 <sup>th</sup> anniversary of the start of the Greek Revolution (appointed by the Council of Ministers)	Member
3.	2015-2020	Cyprus Agency of Quality Assurance and Accreditation in Higher Education	Member
4.	2017-2020 2015-2017	Cyprus Rector's Conference	President Secretariat
5.	2014-present	Electoral Bodies for the election and/or promotion of academic staff in a significant number of foreign Universities	Member
6.	2011-2013	Ministry of Education and Culture	Minister
7.	1/7/2012 - 31/12/2012	Ministerial Council of Education, Culture and Youth Ministers of the EU	President
8.	2010-2011	Board of Directors of the Foundation for the Management for the European Lifelong Learning Programmes (appointed by the Council of Ministers)	President
9.	2010-2011	Cyprus Scientific Council (appointed by the Council of Ministers)	Member
10.	2006-2010	Domain Committee of Materials, Physical and Nano-Sciences of the EU Program COST	Cyprus Republic Representative

Awards / International Recognition			
Ref. Number	Date	Title	Awarded by:
1.	2020	UNESCO Chair Director	UNESCO
2.	2019	Honorary mention	President of Russian Universities Rectors and Rector of Lomonosov University
3.	2012	Honorary mention	French Parliament
4.	2012	Honoured	Minister of Education of Norway
5.	2012	Honoured	Council of the EU Ministers of Education
6.	2012	Award	Green-Dot Cyprus
7.	2011	Honorary mention	UNESCO
8.	1990-1996	Scholarship for post-graduate studies (for PhD studies)	Scholarship National Foundation of Greece
9.	1984-1989	Scholarship for under-graduate studies	Cyprus Government

Academic Consulting Services and/or Editorial Committees and/or Other Achievements			
Ref. Number	Period	Organization	Title of Position or Service
1.	2016-2018	Committee for the development of the new Curricula of Secondary Technical and Vocational Education of Cyprus	Scientific Coordinator
2.	2017	Committee for the Restructuring of the Evening Schools	Member
3.	2014-present	Scientific and Cultural Charity Institution "Photos Photiades Foundation"	Member
4.	2011	Organizing Committee of the 3rd International Conference on RES & Energy Efficiency	Member
5.	2009-present	Committee on staff recruitment examinations: <i>(Electricity Authority of Cyprus, Cyprus Energy Regulatory Authority, Health Insurance Organization, Water Development Department, Union of Cyprus Municipalities, Deputy Ministry of Tourism, National Betting Authority, Cyprus Securities and Exchange Commission, Cyprus Broadcasting Corporation, Sewerage Board of Nicosia, Ministry of Commerce and Industry)</i>	Head and Scientific Coordinator

6.	2008-2012	European Science Foundation	Peer Reviewer
7.	2008	Scientific Committee of the 3rd IC-SCCE Conference	Member
8.	2005-2011	Panel of Examiners of the Scholarship National Foundation of Cyprus” for the assessment of scholarship candidates (appointed by the Council of Ministers)	Member
9.	2003-2007	World Scientific and Engineering Academy and Society Conferences and Journals	Reviewer
10.	2000-2008	Editorial Committee of the Cyprus Journal of Science and Technology	Member
11.	2000	International Advisory Committee of the “First Mediterranean Tribology Conference”, Israel	Member

### Membership in Professional Organisations

- Technical Chamber of Cyprus (ETEK),
- American Society of Mechanical Engineers (ASME),
- Institution of Mechanical Engineers of UK (IMechE),
- Society of Manufacturing Engineers (SME),
- Society of Automotive Engineering (SAE),