



Academic Personnel Short Profile / Short CV

University:	Frederick University
Surname:	Menicou
Name:	Michalis
Rank/Position:	Associate Professor
School:	Engineering
Department:	Mechanical Engineering
Scientific Domain:	Industrial Management – Specialization: Operations Management

Academic qualifications				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2002	UNIVERSITY of SHEFFIELD, UK	MECHANICAL ENGINEERING	Modelling the decision architecture of manufacturing systems: The decision analysis – GRAI integrated technique
MBA	2008	SHEFFIELD HALLAM UNIVERSITY, UK	SCHOOL OF ENGINEERING	Organisational performance measurement and rewards allocation at KIMAGRO consortium
MSc	1997	UNIVERSITY of SHEFFIELD, UK	MECHANICAL ENGINEERING	Development of a decision-based modelling methodology for small to medium sized manufacturing enterprises within the Business Process Reengineering framework
BEng	1996	UNIVERSITY of SHEFFIELD, UK	MECHANICAL ENGINEERING	
HND	1994	HIGHER TECHNICAL INSTITUTE, CY	MECHANICAL ENGINEERING	

Employment history in Academic Institutions/Research Centers

Period of employment		Employer	Location	Position
From	To			
2017	PRESENT	FREDERICK UNIVERSITY	NICOSIA, CYPRUS	Associate Professor
2007	2017	FREDERICK UNIVERSITY	NICOSIA, CYPRUS	Assistant Professor
2002	2006	FREDERICK INSTITUTE OF TECHNOLOGY	NICOSIA, CYPRUS	Senior Lecturer

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

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2024	Powering Aquaculture Operations at Sea: Can hydrogen be a sustainable solution?	Charalambides, M., Aristokleous, N.	Aquaculture Engineering (105), 102411	105	n/a
2	2024	Economic feasibility study for the expansion of the Cyprus aquaculture sector: A roadmap for transition to offshore in the Mediterranean Sea	Charalambides, M., Triantaphyllidis, G.	Aquaculture and Fisheries (Article in Press)	n/a	n/a
3	2023	Design of coastal aquaculture structures and Allocated Zones for Aquaculture Development in Cyprus	Kyriakides I., Gavriel F., Lemonaris P., Charalambous S., Menicou M., Charalambides M., Abu Alhaija R., Hayes D., Nisiforou O., Nikolaidis G., and Triantaphyllidis G.	2nd International Conference International Scientific Conference on Design and Management of Harbor Coastal and Offshore Works, Thessaloniki, Greece, May 24-27	I	206-211
4	2020	Fish Allocation: KKT to the Rescue	Christofi, S., Charalambides M., Shoushani, M.,	Undergraduate Mathematics and Its Applications (The UMAP Journal)	Vol. 41.2	pp 101-120

5	2016	Economic Evaluation of Financial Incentive Schemes for Energy Retrofit Projects in Residential Buildings	Exizidou, P., Vassiliou, V., Christou, P., Assimakopoulou, MN., Tsairidi, E.	Journal of Sustainable Architecture and Civil Engineering	Vol. 16 (No. 3)	32 - 45
6	2015	An aquaculture feed management system powered by renewable energy sources: Investment justification	Vassiliou V., Charalambides, Chartosia, N., Tzen E., Binopoulos, E., Papadopoulos P., Loucaides A.	Aquaculture Economics & Management	Vol. 19	423 - 443
7	2014	An economic analysis for Cyprus' residential buildings' energy retrofits potential	Exizidou, N., Vassiliou, V. and Christou P.	International Journal of Sustainable Energy		
8	2013	Adhesive Bonding of Attachments in Automotive Final Assembly	Papadakis, L., Vassiliou, V., Schiel, M., & Dilger, K.,	Lecture Notes in Electrical Engineering (Ed), IAENG Transactions on Engineering Technologies. Special Volume of the World Congress on Engineering 2012. ISBN 978-94-007-6189-6.	Ch. 56, Vol. 229	
9	2012	Towards the Development of a Real-Time Quality Control Tool for the Residential Housing Sector	Vassiliou, V., Charalambides, M., and Christou P.	International Journal of Quality and Innovation (IJQI)	Vol. 2 (No. 1)	80 - 104
10	2010	Prospective energy needs in Mediterranean Offshore Aquaculture: Renewable & Sustainable energy Solutions	Vassiliou, V.	Renewable and Sustainable Energy Reviews	Vol. 14 (issue 9)	308 - 309 - 1
11	2010	A quality decision supporting tool for the construction industry	Charalambides, M., Christou, P., and Vassiliou, V.	Lecture Notes in Management Science , Proceedings of the 2nd International Conference on Applied Operational Research.	Vol. 2	193-204
12	2002	A classification schema of manufacturing decisions for the GRAI enterprise modelling technique	McCarthy, I.	Computers in Industry	Vol. 47 (No. 3)	339-355

Research Projects				
Ref. Number	Date	Title	Funded by	Project Role
1	2020	Open Sea Aquaculture in the Eastern Mediterranean	Research & Innovation Foundation	Frederick Research Team Leader
2	2019	Storage & Renewables - Electrifying Cyprus	Research & Innovation Foundation	Research Team Member
3	2019	Integration of innovative green technologies on existing public transportation BUSES for 5% to 30% (FUEL SAVINGS+)	Research & Innovation Foundation	Research Team Member
4	2018	Υπολογισμός των βέλτιστων από πλευράς κόστους επιπέδων των ελάχιστων απαιτήσεων ενεργειακής απόδοσης σύμφωνα με το άρθρο 5 της Οδηγίας 2010/31/ΕΕ για την Ενεργειακή απόδοση των κτιρίων.	Ministry of Energy, Commerce, Industry and Tourism	Project Coordinator
5	2015	The Square Mile Retrofit Project	EracoBuild. (Cyprus Participation: Research Promotion Foundation)	Research Team Member
6	2014	Urban Greening (UGreenS).	Leonardo Life Long Learning	Research Team Member
7	2013	A smart feed management data tool for Cyprus' offshore aquaculture industry with the aid of a stand alone renewable energy system	Research Promotion Foundation	Project Coordinator
8	2013	Operational Risk Management Tool (Banking Sector)	Research Promotion Foundation	Frederick Research Team Leader
9	2013	Development of an innovative, forced reculation, high efficiency, solar heating system to operate autonomously without electricity.	Research Promotion Foundation	Frederick Research Team Leader
10	2013	WholeLife Management of Sustainable Construction	Leonardo Life Long Learning	Research Team Member
11	2012	A structured approach development for Cyprus' offshore aquaculture mooring requirements investigation and mooring scenario development	Research Promotion Foundation	Project Coordinator
12	2012	HiPP – Food Packaging Material for High Pressure Treatment	Research Promotion Foundation (CORNET)	Project Coordinator

13	2011	Development of a Real Time Quality Support System for the Houses Construction Industry in Germany, Netherlands and Cyprus	Research Promotion Foundation (CORNET)	Frederick Research Team Leader
14	2009	Operational models for process optimisation in Cyprus' fish farming industry	Research Promotion Foundation	Project Coordinator
15	2009	Promotion and Consolidation of all RTD activities for renewable distributed generation technologies in the Mediterranean region	European Commission, FP 6	Research Team Member
16	2011	Increase of the passive safety of cars for the protection of pedestrians by Crash Resistant Adhesive Bonding of attachments on LACquered Surfaces (CRAB LACS)	Research Promotion Foundation (CORNET)	Research Team Member
17	2009	The birth of a European Distributed EnErgy Partnership that will help the large-scale implementation of distributed energy resources in Europe, EU-DEEP	European Commission, FP 6	Research Team Member

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2017 - today	Cyprus Organisation for Standardisation (CYS)	Member of a Committee to evaluate and propose for awards external associates of the Cyprus Organisation for Standardisation	Evaluate external Associates in the fields of: a) National Representatives to European Committees b) National Committees National mirror Committees
2	2016 - today	IMH	Member of the evaluation Committee of 'In-Business' awards	On a National level propose people and organisations and evaluate proposals for 'In-Business' awards.
3	2016 – today	Frederick University	Member of the University Senate	Elected member of the University Senate
4	2017	Electricity Authority of Cyprus (EAC)	Exams for the evaluation of candidates for positions in Electricity Authority of Cyprus	Set the exam paper and correct the exams for the positions of machine operators in the organisation
5	2015	Ρυθμιστική Αρχή Κύπρου (Cyprus Energy Regulatory Authority)	Exams for the evaluation of candidates for positions in Cyprus Energy Regulatory Authority	Set the exam paper and correct the exams for the positions of officers in the organisation

6	2014	Ministry of Energy, Commerce, Industry and Tourism	Member of Task force	Member of Task force created by the Ministry of Energy, Trade, Industry and Tourism to prepare suggestions to the National Planning Bureaux on how to foster National Business Innovation and how to distribute Structural funds to that purpose.
7	2016 – today	Frederick University	Member of a Committee	Appointed (by the Rector) member of the University's Quality Assurance Committee
8	2011 – 2016	Frederick University	Member of the School of Engineering Committee	Elected member of the School of Engineering Committee
9	2011	Greek Ministry of Education, Life Long Learning and Religious Affairs	Research Proposal Evaluator: Thalys Program (€600,000 per proposal)	Evaluated five (5) Research Proposals in the wider scientific field of "Aquaculture".
10	2011	Greece National Science and Research Foundation (NSRF)	Research Proposal Evaluator: "Archimedes III" Program (€100,000 per proposal)	Evaluated four (4) Research Proposals: Two (2) in scientific field of Production Engineering and two (2) in scientific field of Aquaculture.