



Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Nestoros
Name:	Marios
Rank/Position:	Associate Professor/Associate Dean
Faculty:	School of Sciences and Engineering
Department:	Engineering
Scientific Domain: *	Physics

** Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2000	University of Cyprus	Physics	Photothermal Characterization of Semiconductors and Solar Selective Coatings
BSc	1994	National and Kapodestrian University of Athens	Physics	Wetting of solid substrates by the gas phase of a simple fluid



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ΦΟΡΕΑΣ ΔΙΑΣΦΑΛΙΣΗΣ ΚΑΙ ΠΙΣΤΟΠΟΙΗΣΗΣ ΤΗΣ ΠΟΙΟΤΗΤΑΣ ΤΗΣ ΑΝΩΤΕΡΗΣ ΕΚΠΑΙΔΕΥΣΗΣ
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Employment history in Academic Institutions/Research Centers–List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
1/11/2007	-	University of Nicosia	Nicosia	Assoc. Professor
1/10/2002	31/10/2007	Intercollege	Nicosia	Assist. Professor
1/4/1999	30/9/2002	Bank of Cyprus Oncology Center	Nicosia	Medical Physicist

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	2020	Design of a Wideband Circularly Polarized RFID Reader Antenna	R. H. Chihava, A. C. Polycarpou	International Workshop on Antenna Technology		
2	2018	Design of Beam-Steerable Array for 5G Applications Using Tunable Liquid-Crystal Phase Shifters”	N. C. Papanicolaou, A. C. Polycarpou	13th European Conference on Antennas and Propagation		
3	2017	Design of Wideband, Circularly Polarized Patch Antennas for RFID Applications in the FCC/ETSI Bands	M. A Christou, A. C. Polycarpou	Electromagnetics Research C	78	115-127
4	2013	Photothermal Techniques in Material Characterization		Book: Materials Science, edited by Y. Mastai, Intech,	Ch. 14	337-362
5	2011	A photothermal microscopy investigation of carrier transport in ion implanted silicon thin films under the action of an external electric field	M. Mourouti, N.C.Papanicolaou, C. Christofides	Journal of Optoelectronics and Advanced Materials – Rapid Communications	5	514-518
6	2008	Photothermal Hydrogen Sensor: The technique, experimental process, and physicochemical analysis	C. Demetriou, C. Christofides	Applied Physics A	12	651-658



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7	2007	Numerical Investigation of Linear and Nonlinear Photothermal Radiometry On Silicon Wafers Using Chebyshev Spectral Method	N. C. Papanicolaou, C..Christofides	Journal of Neural, Parallel & Scientific Computations	15	165-179
8	1998	Photothermal Radiometry on Nickel (Pigmented Aluminium Oxide) Selective Solar Absorbing Surface Coatings	A. Othonos, D. Palmeiro, C. Christofides, R. S. Bes, and J. P. Traverse	Solar Energy Materials and Solar Cells	51	171-179
9	1997	Thermoelectronic Wave Coupling in Laser Photothermal Theory of Semiconductors at Elevated Temperatures	A. Mandelis, C. Christofides	Optical Engineering	36	459-468



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	10/2020-10/2022	Design and Implementation of a Smartphone-based Health Monitoring System	University of Nicosia Research Foundation	Coordinator and Principle Investigator
2	2004-2007	SOS-H2: TEXNO/0603/12	RPF	Research associate
3	1995-1998	AVI*940008 Selective Coatings for Solar Heating and Cooling: Preparation and Characterization	EU	Research associate

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



**Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.
List the five (5) more recent (Optional Entry)**

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2018-	COST Action CA17115 European network for advancing Electromagnetic hyperthermic medical technologies	Management Committee Member	Management Committee Member Workgroup 1 (advancing knowledge of dielectric and thermal properties).
2	2008-2011	COST Action MP0702: "Towards subwavelength photonic structures". Cyprus delegate	Management Committee Member	Management Committee Member Workgroup 2 (material characterization).
3	2005-2006	COST Action G8: "Non destructive evaluation and testing of Museum Objects"	Management Committee Member	Management Committee Member