

## Academic Personnel Short Profile / Short CV

<b>University:</b>	Cyprus University of Technology
<b>Surname:</b>	Agathokleous
<b>Name:</b>	Rafaela
<b>Rank/Position:</b>	Postdoctoral Researcher/Special Scientist
<b>Faculty:</b>	Engineering and Technology
<b>Department:</b>	Mechanical Engineering and Materials Science Engineering
<b>Scientific Domain: *</b>	Solar Energy, Photovoltaics, Heat Transfer, Thermal analysis, Solar Thermal Systems

*\* Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2017	Cyprus University of Technology	Mechanical Engineering	Thermal Analysis of BIPV/T systems
MSc	2013	Brunel University London	Engineering and Technology	Optimization of thermosiphon solar water heater working in a Mediterranean environment
BSc	2012	Cyprus University of Technology	Mechanical Engineering	On-site PV characterization and the effect of shading and soiling on their performance

**Employment history in Academic Institutions/Research Centers – List by the three (3) most recent**

Period of employment		Employer	Location	Position
From	To			
Sept. 2011	Mar. 2021	Cyprus University of Technology	Limassol, Cyprus	Research Associate
Jan. 2012	Dec. 2018	Cyprus University of Technology	Limassol, Cyprus	Teaching Assistant
Jan. 2018	Dec. 2020	Cyprus University of Technology	Limassol, Cyprus	Special Scientist

<b>Key <u>refereed</u> journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)</b>						
<b>Ref. Number</b>	<b>Year</b>	<b>Title</b>	<b>Other authors</b>	<b>Journal and Publisher / Conference</b>	<b>Vol.</b>	<b>Pages</b>
1	2020	Status, Barriers and Perspectives of Building Integrated Photovoltaic Systems	Kalogirou S.A.	Energy	191	-
2	2019	Development and validation of a new TRNSYS Type for thermosiphon flat-plate solar thermal collectors: energy and economic optimization for hot water production in different climates	Barone, G., Buonomano, A., Forzano, C., Kalogirou, S.A., Palombo, A.	Renewable Energy	136	632-644
3	2019	Building façade integrated solar thermal collectors for air heating: experimentation, modelling and applications	Barone, G., Buonomano, A., Forzano, C., Kalogirou, S.A., Palombo, A.	Applied Energy	239	658-679
4	2018	Exergy analysis of a naturally ventilated Building Integrated Photovoltaic/Thermal (BIPV/T) system	Kalogirou, S.A., Karellas, S.	Renewable Energy	128	541-552
5	2018	Part II: Thermal analysis of naturally ventilated BIPV system: Modeling and Simulation	Kalogirou S.A.	Solar Energy	169	682-691
6	2018	Part I: Thermal analysis of naturally ventilated BIPV system: Experimental investigation and convective heat transfer coefficients estimation	Kalogirou S.A.	Solar Energy	169	673-681

7	2017	Preliminary assessment of waste heat potential in major European industries	Panayiotou, G.P., Bianchi, G., Georgiou, G., Aresti, L., Argyrou, M., Tsamos, K.M., Tassou, S.A., Florides, G., Kalogirou, S., Christodoulides, P	Energy Procedia	123	335-345
8	2016	Double skin facades (DSF) and building integrated photovoltaics (BIPV): A review of configurations and heat transfer characteristics	Kalogirou, S.A.	Renewable Energy	89	743-756
9	2013	On-site PV characterization and the effect of soiling on their performance	Kalogirou, S.A., Panayiotou, G.	Energy	51	439-449
10	2018	Handbook of Energy Efficiency in Buildings	Umberto D., Francesco A.	Butterworth-Heinemann	-	441-595

**Exhibitions (where applicable). List the five (5) more recent and other five (5) selected.  
(max total 10)**

Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
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*\*Specify venue, geographic location etc*

**Research Projects. List the five (5) more recent and other five (5) selected  
(max total 10)**

<b>Ref. Number</b>	<b>Date</b>	<b>Title</b>	<b>Funded by</b>	<b>Project Role*</b>
1	2019-2021	Development of a Solar Energy Storage unit for increasing the efficiency and the capacity of solar domestic hot water systems (SolEnStor)	Research Promotion Foundation (RPF) of Cyprus	Researcher
2	2015-2019	Evaluation of the Dispatchability of a Parabolic Trough Collector System with Concrete Storage (EDITOR)	Seventh Framework Program (FP7), SOLAR-ERA.NET	Researcher
3	2015-2019	Industrial Thermal Energy Recovery Conversion and Management (I-THERM)	Horizon 2020	Researcher
4	2012-2017	Building Integrated Fibre Reinforced Solar Technology (BFIRST)	Seventh Framework Program (FP7), ENERGY-2011-2.1-4.	Researcher
5	2014-2017	Building Integrated Solar Thermal Systems	European Science Foundation and RTD Framework Program, Cost Action	Researcher
6	2011-2014	Development of a test method for thermosiphon operated solar collectors	Research Promotion Foundation (RPF) of Cyprus	Researcher
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*\*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)**

<b>Ref. Number</b>	<b>Period</b>	<b>Organization</b>	<b>Title of Position or Service</b>	<b>Key Activities</b>
1	2017 - now	Elsevier – Energy Journal	Assistant Editor	
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**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected.  
(max total 10) (Optional Entry)**

<b>Ref. Number</b>	<b>Date</b>	<b>Title</b>	<b>Awarded by:</b>
1	2016	Thermal analysis of BIPV/T systems	THE A.G. LEVENTIS FOUNDATION
2	2015	Thermal analysis of BIPV/T systems	CYPRUS STATE SCHOLARSHIP FOUNDATION
3	2012	On-site PV characterization and the effect of shading and soiling on their performance	REASERCH PROMOTION FOUNDATION
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**Other Achievements. List the five (5) more recent and other five (5) selected.  
(max total 10) (Optional Entry)**

<b>Ref. Number</b>	<b>Date</b>	<b>Title</b>	<b>Key Activities:</b>
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