



### Academic Personnel Short Profile / Short CV

<b>University:</b>	University of Nicosia
<b>Surname:</b>	Illampas
<b>Name:</b>	Rogiros
<b>Rank:</b>	Adjunct Faculty
<b>Faculty:</b>	Sciences and Engineering
<b>Department:</b>	Engineering
<b>Scientific Domain: *</b>	Structural Mechanics, Conservation of Historic Structures, Eco-friendly Building Materials, Experimental and Numerical Methods in Civil Engineering

*\* Field of Specialization*

### Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title
PhD in Civil Engineering	2014	University of Cyprus	Department of Civil and Environmental Engineering	Experimental and computational investigation of the structural response of adobe buildings
MSc in Conservation of Historic Buildings	2008	University of Bath	Department of Architecture and Civil Engineering	The use of stone in Cyprus vernacular architecture with particular reference to the Troodos area
Diploma in Civil Engineering	2007	National Technical University of Athens	Department of Civil Engineering	Bioclimatic design of building facades

### Employment history–List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
01/2017	Today	University of Nicosia	Nicosia, Cyprus	Adjunct Faculty
09/2017	02/2019	Cyprus University of Technology	Limassol, Cyprus	Research collaborator
02/2014	Today	University of Cyprus	Nicosia, Cyprus	Post-doctoral researcher

### 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	Seismic appraisal of heritage ruins: The case study of the St. Mary of Carmel church in Cyprus	Ioannou I. and Lourenço P.B.	Engineering Structures	224	
2	2018	Thermal performance and embodied energy of standard and retrofitted wall systems encountered in Southern Europe	Kyriakidis, A., Michael, A., Charnpiss, D.C., and Ioannou, I.	Energy	161	1016-1027
3	2017	Computational evaluation of the thermal, environmental and structural performance of an innovative masonry system	Kyriakidis, A. and Michael, A.	Procedia Environmental Sciences	38	812-820
4	2017	Experimental assessment of	Ioannou, I. and Charnpiss,	Materials and	50	

		adobe masonry assemblages under monotonic and loading-unloading compression	D.C.	Structures		
5	2017	Validation of the repair effectiveness of clay-based grout injections by lateral load testing of an adobe model building	Silva, R.A., Charmpis, D.C., Lourenço, P.B. and Ioannou, I.	Construction and Building Materials	173	174-184
6	2016	Parametric numerical assessment of the thermal performance and environmental impact of an innovative masonry construction component	Kyriakides, A., Michael, A.	Journal of Sustainable Architecture and Civil Engineering	3	6-19
7	2015	Non-linear dynamic finite element analysis of adobe masonry structures with various roof diaphragm configurations	Charmpis, D.C and Ioannou, I.	Seismic assessment, behavior and retrofit of heritage buildings and monuments (Psycharis, I., Pantazopoulou, V. and Papadrakakis M. eds.)	ISBN: 978-3-319-16130-3	475-487
8	2014	Laboratory testing and finite element simulation of the structural response of an adobe masonry building under horizontal loading	Charmpis, D.C. and Ioannou, I.	Engineering Structures	80	362-376
9	2013	Adobe bricks under compression: experimental investigation and derivation of analytical stress-strain equation	Ioannou, I. and Charmpis, D.C.	Construction and Building Materials	53	83-90
10	2013	Overview of the pathology, repair and strengthening of adobe structures	Ioannou, I. and Charmpis, D.C.	International Journal of Architectural Heritage	7	165-188

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	2019-Present	Novel integrated approach for seismic and energy upgrading of existing buildings	Cyprus Research Promotion Foundation	Researcher
2	2017-2018	Development of guidelines for the design of composite slabs composed of the CYDECK75 trapezoidal steel deck	Phanos N. Epiphaniou Public Ltd	Researcher
3	2017-2018	Innovative Modular Brick Unit System for the Environmental Design of Building Envelopes	University of Cyprus	Researcher
4	2015-2017	Development of an innovative modular brick unit for the construction of environmentally friendly and energy efficient masonry structures	Scholarship under the "Shiakolas Grant for Post-doctoral Researchers"	Principal Researcher
5	2014-2015	Analysis and design of earthquake resistant structures [ADERS]	European Union (Marie Curie Actions – International Research Staff Exchange Scheme, FP7-PEOPLE-2010-IRSES)	Researcher
6	2012-2013	Mix design, production and adoption of optimized adobes as alternative, environmentally-friendly, building materials	Cyprus Research Promotion Foundation	Researcher

		for contemporary and vernacular architecture		
7	2010-2012	Experimental and computational investigation of the structural response of adobe buildings	University of Cyprus	Principal Researcher
8	2009-2010	Establishment of research infrastructure for the characterization of monumental building materials	Cyprus Research Promotion Foundation	Researcher

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

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

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2016-Present	International Union of Laboratories and Experts in Construction Materials, Systems and Structures (RILEM)	Senior Member	Active member of the Technical Committee "274-TCE: Testing and characterisation of earth-based building materials and elements"
2	2017-Present	Cyprus Civil Engineer's Association (SPOLMIK)	Elected member of the Limassol District Commission of SPOLMIK	