



### Academic Personnel Short Profile / Short CV

<b>University:</b>	Neapolis University Pafos
<b>Surname:</b>	Georgiou
<b>Name:</b>	Elpida
<b>Rank/Position:</b>	Visiting Lecturer
<b>Faculty:</b>	School of Architecture, Engineering, Land & Sciences / School of Engineering and Technology
<b>Department:</b>	Civil Engineering / Civil Engineering and Geomatics
<b>Scientific Domain: *</b>	Computational simulation of structures using finite element analysis, assessment and retrofitting of existing structures under seismic loading, risk assessment of structures from hazards, disaster risk reduction, integration of remote sensing with computational modelling

*\* Field of Specialization*

### Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD in Seismic Retrofitting of RC Frames with RC Infilling	2020	Cyprus University of Technology	Civil Engineering and Geomatics	RC-Frames Infilled with RC Infill- Walls for Seismic Retrofitting
MSc in Earthquake Engineering with Disaster Management (EEDM)	2012	University College London (UCL)	Civil, Environmental and Geomatic Engineering	Hazus application to assess the seismic risk in a case study area, critique and evaluation
BSc in Civil Engineering	2011	Cyprus University of Technology	Civil Engineering and Geomatics	Seismic renovation of school buildings in Cyprus



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

Period of employment		Employer	Location	Position
From	To			
2024	Current	Neapolis University Pafos	Pafos, Cyprus	Visiting Lecturer
2023	2024	Delft University of Technology	Delft, The Netherlands	Post-Doctoral Researcher
2021	Current	Cyprus University of Technology	Limassol, 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	2023	Performance-Based Numerical Analysis at Various Hazard Earthquake levels for the retrofitting of RC frames with RC infill walls	Nicholas Kyriakides & Christis Z. Chrysostomou	Fib Symposium 2023 Istanbul	2	1146-1157
2	2022	Performance-based numerical analysis at various hazard earthquake levels for the retrofitting of RC frames with RC infill walls	Nicholas Kyriakides & Christis Z. Chrysostomou	5 <sup>th</sup> Hellenic National Conference on Earthquake Engineering and Technical Seismology, Athens		
3	2022	Results from the parametric study of the number and arrangement of dowels for the seismic strengthening of RC frames with RC infill walls	Nicholas Kyriakides & Christis Z. Chrysostomou	3 <sup>rd</sup> European Conference on Earthquake Engineering & Seismology, Bucharest		
4	2022	Nonlinear numerical parametric study of the number and arrangement of dowels connecting the wall to the bounding frame for the seismic strengthening of RC frames with RC infill walls	Nicholas Kyriakides & Christis Z. Chrysostomou	Bulletin of Earthquake Engineering	20	3821-3862
5	2022	Numerical simulation of RC frames infilled with RC walls for seismic strengthening of existing structures	Nicholas Kyriakides & Christis Z. Chrysostomou	Bulletin of Earthquake Engineering	20	2369-2398

6	2020	FE Model of RC Frames Infilled with RC Walls for Seismic Retrofitting and Nonlinear parametric study of dowels	Nicholas Kyriakides & Christis Z. Chrysostomou	17 <sup>th</sup> World Conference on Earthquake Engineering, Sendai		
7	2019	Retrofitting of RC frames with RC infill walls	Nicholas Kyriakides & Christis Z. Chrysostomou	4 <sup>th</sup> Hellenic National Conference on Earthquake Engineering and Technical Seismology, Athens		
8	2019	Nonlinear Numerical Parametric Study of Dowels for the Seismic Strengthening of RC Frames with RC Infill Walls	Nicholas Kyriakides & Christis Z. Chrysostomou	7 <sup>th</sup> International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering Methods in Structural Dynamics and Earthquake Engineering, COMPDYN 2019 Conference, Crete		
9	2018	Numerical Simulation of the Experimental results of the Seismic Strengthening of existing Structures	Nicholas Kyriakides & Christis Z. Chrysostomou	16 <sup>th</sup> European Conference on Earthquake Engineering, Thessaloniki		
10	2015	Numerical simulation of the experimental results of a RC frame retrofitted with RC Infill walls	Nicholas Kyriakides Christis Z. Chrysostomou Panagiotis Kotronis Panayiotis C. Roussis	Earthquake and Structures	9	735-752

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	2023	Protecting heritage from space	Dutch Research Council	Integration between satellite displacement observation data and computational model of heritage to evaluate the structural behaviour
2	2021-2023	ISTOS Center of Excellence, Center of Innovative Solutions for Building Safety	H2020-WIDESPREAD-2020-5, REA	Numerical parametric analysis for the performance of existing RC frame buildings retrofitted with RC infill walls for different earthquake inputs at various levels and Preparation of reports and deliverables, participation in trainings, workshops, and missions
3	2022	EMERGE Centre of Excellence, East Med Energy Research Centre of Excellence for Growth and Education	Cyprus Ministry of Energy, Trade and Industry	Numerical modelling and monitoring of offshore structures
4	2020	Young Innovators Cyprus EIT Climate-KIC Knowledge and Innovation Community Program	European Institute of Innovation and Technology (EIT)	Trained to train the trainers for courses to students and teachers

5	2008-2020	Climate-KIC European Institute of Innovation and Technology	European Commission	Participation for the organization and the execution of summer school programs in Cyprus
6	2018	ENGINITE: ENGINEERING and Industry Innovative Training for Engineers via PBL	European Commission	Preparation and presentation of Engineering Systems Thinking: Re-engineering by Simplifying course material, offer training and mentoring to postgraduate participants
7	2018	ARISTA, Seismic Assessment of Reinforced Concrete frames with Smooth Bars-Proposals for EC8-Part 3, Transnational Access Use, Seismology and Earthquake Engineering Research Infrastructure Alliance for Europe, SERA	H2020-INFRAIA	Numerical modelling of the specimen
8	2013	Seismic Retrofitting of RC frames with RC infilling (SERFIN) – Proposals for EC8-Part3	7 <sup>th</sup> Framework Program, SERIES	Finite element analysis of the experimental results and numerical modelling of the specimen
9	2011	Seismic Safety and Vulnerability Mitigation of School Buildings	Research Promotion Foundation	Collection and analysis of data about the retrofitting methods that were applied in school buildings in Cyprus

*\*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	2022-Present	Hybrid Committee for Research of Cyprus University of Technology	Member	Meetings, suggestions for improving procedures and regulations
2	2013-Present	Cyprus Scientific and Technical Chamber (ETEK)	Professional Member	Dealing with local technical issues and professional projects
3	2012-Present	Cyprus Association of Civil Engineers (SPOLMIK)	Professional Member	Participating in educational events, conferences, or seminars  During 2015-2017 organizing and administrative duties as Elected Member in Limassol provincial council
4	2012-Present	Society of Engineering and Structural Dynamics (SECED)	Member	Participating in educational events, conferences, or seminars
5	2012-2020	Institution of Structural Engineers (IStructE)	Student Member	Participating in educational events, conferences, or seminars

**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)**

Ref. Number	Date	Title	Awarded by:
1	2022	Proposal for Mobility and Training for Collaboration with Professor Panagiotis Kotronis, University of Nantes	Erasmus+ European Commission
2	2014	Scholarship for PhD study on the field of Seismic Retrofitting of RC Frames with RC Infilling for the year 2014	Department of Civil Engineering and Geomatics, Cyprus University of Technology
3	2013	OHIM and IP Australia Certificate of Registration for a Solar Panel Design	OHIM and IP Australia
4	2008	First year of study for best performance in 'Integrated Design'	Civil Engineering and Geomatics Department of the Cyprus University of Technology
5	2007	Best Moral Character of student	Ayios Antonios Lyceum
6	2007	Best performance in the Technology course	Ayios Antonios Lyceum
7	2007	Best graduation mark in her district	Akrotiri district
8	2007	Distinction at the 21 <sup>st</sup> Pan Cyprian Physics Olympiad	Cyprus Physicist Association