



Academic Personnel Short Profile / Short CV

University:	Neapolis University Pafos
Surname:	Bellos
Name:	John
Rank/Position:	Associate Professor / Head of the Department of Civil Engineering
Faculty:	School of Architecture, Engineering, Land and Environmental Sciences
Department:	Department of Civil Engineering
Scientific Domain:	Structural Design – Structural Dynamics – Earthquake Engineering – Digital Design

Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title
PhD in Structural Dynamics	1989	State University of New York at Buffalo, New York, USA	Mechanical & Aerospace Engineering	Theoretical and Experimental Analysis of Non-Proportional Damping
MSc in Dynamics & Control	1986	State University of New York at Buffalo, New York, USA	Mechanical & Aerospace Engineering	Vibrations of Non-proportionally Damped Structures
BSc in Naval Architecture & Mechanical Engineering	1983	National Technical University of Athens, Greece	Naval Architecture & Mechanical Engineering	Optimal Design of the Ship Deck Structure

Employment history in Academic Institutions/Research Centers

Period of employment		Employer	Location	Position
From	To			
2017	Present	Neapolis University Pafos	Pafos, Cyprus	Associate Professor, Head of Civil Engineering Department
2009	2017	Neapolis University Pafos	Pafos, Cyprus	Assistant Professor, Director of Information and Learning Services
1990	1991	National Technical University of Athens	Athens, Greece	Research/Scientific Associate, Shipbuilding Lab
1986	1989	State University of New York at Buffalo	Buffalo, USA	Research/Scientific Associate, Mechanical Systems Lab

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

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2018	A Decoupling Technique for Non-Conservative Distributed Parameter Systems Attached to Viscous Damping Sources		Proceeding of the 7 th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, Crete, Greece		
2	2017	Nature of Coupling in Non-conservative Distributed Parameter Systems Attached to External Damping Sources	Inman, D.J., Bakas, N.	Mathematics and Mechanics of Solids		p.10812865 1771402

3	2017	Complete Analytical Solution for Linear Soil Pressure Distribution under Rigid Rectangular Spread Footings	Bakas, N.	International Journal of Geomechanics, ASCE	17(7)	
4	2017	Numerical Aspects of Incremental Dynamic Analysis for Retrofitting Existing Industrial Steel Building Utilizing SSCD Dampers	Bakas, N., Castiglioni C.	Proceeding of the 6 th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, Rhodes, Greece		
5	2015	Simplified Numerical Modeling of Elevated Silos for Nonlinear Dynamic Analysis	Castiglioni, C, Kanyilmaz, A.	Proceedings of the XXV Congresso C.T.A., Salerno, Italy		
6	2013	Earthquake Resistant Buildings made of Reinforced Concrete: Static and Dynamic Analysis according to Eurocodes.	Konstantinides, A.	Alta Grafico SA, Athens, Greece	B	ISBN: 978-960-85506-4-3
7	1990	Controlling Flexible Structures with second order Actuator Dynamics. Institute of Technology	Inman, D.J., Umland J.W.	Proceedings of the 3 rd Annual Conference on Aerospace Computational Control, NASA, Jet Propulsion Laboratory, Pasadena, California	2	pp.879-890
8	1990	Frequency Response of Nonproportionally Damped, Lumped Parameter, Linear Dynamic Systems	Inman, D.J.	Journal of Vibration and Acoustics	112(2)	pp.194-201
9	1989	A Survey On Nonproportional Damping	Inman, D.J.	The Shock and Vibration Digest		
10	1989	Nature of Coupling in Non-conservative Lumped Parameter Systems	Inman, D.J.	Journal of Guidance, Control, and Dynamics	12(5)	pp.751-753



Exhibitions					
Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
1	2019	Seminar on Eurocodes	Local	Amphitheatre of Neapolis University Pafos	Organizer / Speaker
2	2019	Seminar: Masonry Constructions - Assessment and Interventions for Seismic Load	Local	Amphitheatre of Neapolis University Pafos	Organizer / Chairman
3	2017	European Project Workshop: INNOSEIS – Valorization of Anti-seismic Devices	International	Coral Beach Hotel, Pafos, Cyprus	Presenting Researcher
4	2015	Financing Opportunities through European Programs for Engineers	Local	Seminar Room of Technical Chamber of Cyprus	Organizer / Chairman
5	2014	Seminar: Experiences and conclusions from the recent earthquake in Kefalonia	Local	Amphitheatre of Neapolis University Pafos	Organizer / Chairman
6	2011	Science Revealed 2011	Local	Famagusta Gate	NUP Research Representative
7	2008	Building Construction according to the Eurocodes 2 and 8	Local	House of Journalists, Nicosia	Key Note Speaker
8	2006	The Education and the Technology of the Contemporary Engineer	Local	Hilton Park Hotel, Nicosia	Key Note Speaker
9	2002	Strength and Energy 2002	International	Athens Military Museum	Speaker
10	2000	Strength and Energy 2000	International	Demokritos National Centre of Scientific Research	Speaker

Research Projects				
Ref. Number	Date	Title	Funded by	Project Role
1	2015-2017	PROINDUSTRY: Seismic PROtection of INDUSTRIal plants by enhanced steel based sYstems	Research Fund for Coal and Steel (RFCS) of European Commission	Coordination and research
2	1998-2008	Development of a unique software package for the static & dynamic analysis of reinforced concrete structures	Company and European Commission Funds	R&D director of pi-Systems International
3	1990-1998	Development of a complete software package dealing with architectural design	Company and European Commission Funds	R&D manager of pi-Systems International
4	1996-2000	Development of a world-wide patented technology for advanced reinforced concrete spiral & cellular stirrups from steel or new materials	Company Funds	R&D manager of pi-Systems International

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

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2018- Present	Technical Chamber of Cyprus (ETEK)	Deputy Director of Regional Committee	Dealing with local technical problems on chamber's behalf
2	2018-Present	Cyprus Society of Earthquake Engineering (KYTAM)	Founding Member	Organizing and administrative duties
3	2015	European Commission - European Office of Cyprus	Member of Cyprus National Experts Committee for New Green Jobs and Skills	Proposing and assessing ideas
4	2014-2016	Technical Chamber of Cyprus (ETEK)	Member of Research and Innovation Committee	Contribution to technology, research and innovation in Cyprus
5	1996-2008	pi-Systems International	Head of the R&D Department and Executive Board Member	Directing R&D department and participation in the executive board's meetings

Awards / International Recognition

Ref. Number	Date	Title	Awarded by:
1	1984-1989	Research Foundation	National Science Foundation, NASA, United States Air Force, Office of Scientific Research
2	1983-1984	Research Foundation	Mechanical & Aerospace Engineering Department, State University of New York at Buffalo
3	1978-1983	Papastavridios Awards	National Technical University of Athens

Other Achievements			
Ref. Number	Date	Title	Key Activities:
1	2019	Member of Evaluation Committee for the Cyprus Architecture, Property & Interior Design Awards, IN Business Magazine and IMH	Proposal of nominations for the awards, selection for the award winners
2	2018-Present	Founding Member of Cyprus Society of Earthquake Engineering (KYTAM)	Organizing and administrative duties
3	2018-Present	Deputy Director of Regional Committee of Technical Chamber of Cyprus	Dealing with local technical problems on chamber's behalf
4	20015-2016	Member of the Jury of Architectural Competitions related to Projects for Pafos 2017, European Capital of Culture	Evaluation of architectural proposals, selection for the award winners
4	2015	Member of Cyprus National Experts Committee for New Green Jobs and Skills	Proposing and assessing ideas
5	2014-2016	Member of Research and Innovation Committee of Technical Chamber of Cyprus	Contribution to technology, research and innovation in Cyprus
6	2012	Member of Cyprus Health and Safety Experts Committee in Construction Sector	Dealing with the health and safety rules and regulations to be set in construction
7	2009-Present	Scientific Expert for Certifying Energy Performance of Buildings in Cyprus.	Analysing the energy performance of buildings and endorsing certificates
9	1996-2008	Head of the R&D Department and Executive Board Member of the Engineering Software Company pi-SYSTEMS International SA	Directing R&D department and participation in the executive board's meetings
10	1898-1994	Member of American Society of Aeronautics & Astronautics (AIAA)	