



ΦΟΡΕΑΣ ΔΙΑΣΦΑΛΙΣΗΣ ΚΑΙ ΠΙΣΤΟΠΟΙΗΣΗΣ ΤΗΣ ΠΟΙΟΤΗΤΑΣ ΤΗΣ ΑΝΩΤΕΡΗΣ ΕΚΠΑΙΔΕΥΣΗΣ
THE CYPRUS AGENCY OF QUALITY ASSURANCE AND ACCREDITATION IN HIGHER EDUCATION



Academic Personnel Short Profile / Short CV

University:	American University of Cyprus (AUCY)
Surname:	Castiglioni
Name:	Carlo Andrea
Rank/Position:	Professor
Faculty:	
Department:	
Scientific Domain: *	Structural Design – Earthquake Engineering – Building Engineering - Construction

** Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2008	Università di Genova	Department of Civil and Environmental Engineering	Seismic Behaviour of Steel Storage Pallet Racking Systems
Laurea Degree (5 Years)	1980	Politecnico di Milano, Italy	Istituto di Scienza e Tecnica delle Costruzioni	Stability of Stepped Columns



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

Period of employment		Employer	Location	Position
From	To			
2018	2021	Neapolis University Pafos	Pafos, Cyprus	Full Professor
2002	present	Politecnico di Milano	Milano, Italy	Full Professor
1993	2002	Politecnico di Milano	Milano, Italy	Associate Professor
1992	1993	Università di Roma, "La Sapienza"	Roma, Italy	Associate Professor
1983	1992	Politecnico di Milano	Milano, Italy	Assistant Professor
1984	1984	Lehigh University	Bethlehem, PA, USA	Visiting Professor Technical Secretary of the SSRC
1981	1983	Università di Pavia	Pavia, Italy	Research Fellow



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	2021	I-beam-to-CHS-column moment resisting joints using passing-through plates	Couchaux M., Hjjaj M., Wald F.	Journal of Constructional Steel Research	184	https://doi.org/10.1016/j.jcsr.2021.106703
2	2020	Design and analysis of laser-cut based moment resisting passing-through I-beam-to-CHS-column joints	Das R., Couchaux M., Hoffmeister B., Degee H.,	Journal of Constructional Steel Research	169	https://doi.org/10.1016/j.jcsr.2020.106015
3	2020	A risk-consistent approach to determine EN1998 behaviour factors for lateral load resisting systems	D.Vamvatsikos, K. Bakalis, M.Kohrangi, S. Pyrza, A. Kanyilmaz, F. Morelli, A. Stratan, M. D' Aniello, L. Calado, J. M. Proença, H. Degee, B. Hoffmeister, M. Pinkawa, P.Thanopoulos, I.Vayas	Soil Dynamics and Earthquake Engineering	131	https://doi.org/10.1016/j.soildyn.2019.106008



4	2019	Dissipative connections with U-shaped steel plate for braces of concentrically braced frames	Henriques J. , Calado L., Degée H.,	Bulletin of Earthquake Engineering	17	6203–6237 https://doi.org/10.1007/s10518-019-00689-y
5	2019	Environmental benefits arising from demountable steel-concrete composite floor systems in buildings	Brambilla G., Lavagna M., Vasdravellis G.,	Resources, Conservation and Recycling	141	133-142 https://doi.org/10.1016/j.resconrec.2018.10.014
6	2013	Hysteretic behaviour of dissipative bolted fuses for earthquake resistant steel frames	L. Calado, J.M. Proença, M. Espinha,	Journal of Constructional Steel Research	83	151-162
7	2012	Experimental Analysis of Seismic Resistant Composite Steel Frames with Dissipative Devices	A. Kanyilmaz, L. Calado	Journal of Constructional Steel Research,	76	1-12
8	2009	Failure criteria and cumulative damage models for steel components under cyclic loading	R. Pucinotti,	Journal of Constructional Steel Research	65	751-765
9	2001	Experimental analysis on the cyclic behaviour of beam-to-column joints in steel storage pallet racks	C. Bernuzzi	Thin-Walled Structures	39	841-859
10	1995	A unified approach for the design of steel structures under low/or high cycle fatigue	G. Ballio	Journal of Constructional Steel Research	34	75-101

Commented [CAC1]:



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
1					
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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)

Ref. Number	Date	Title	Funded by	Project Role*
1	2023-2027	GREENVESTS (GREEN VERTICAL STEEL wall deSign)	EU-RFCS (2,879,055 €)	Coordinator
2	2021-2024	LASTTS (LASer cutting Technology for Tubular Structures)	EU-RFCS (2,941,074 €)	Coordinator
3	2018-2021	DISSIPABLE (Fully Dissipative and Easily Repairable Devices for Resilient buildings with Composite Steel-Concrete Structures)	EU-RFCS (1,814,811 €)	Coordinator
4	2017-2021	STEELWAR (Advanced Structural Solutions for Automated Steel Rack Supported Warehouses)	EU-RFCS (2,455,500 €)	Coordinator of Research Unit
5	2017-2021	FASTCOLD (Fatigue Strength of Cold-Formed Structural Steel Details)	EU-RFCS (2,893,000 €)	Coordinator
6	2016-2017	INNOSEIS (Valorisation of Innovative Anti-seismic Devices)	EU-RFCS (995,700 €)	Coordinator of Research Unit
7	2016-2019	LASTEICON (Laser technology for innovative connections in steel constructions)	EU-RFCS (1,927,670 €)	Coordinator
8	2013-2016	MEAKADO (Design of Steel Structures with Limited Ductility Requirements for Optimized Performances in Moderate Earthquake Areas)	EU-RFCS (1,307,000 €)	Coordinator of Research Unit
9	2011-2014	SEISRACKS2 (Seismic Behaviour of Steel Storage Pallet Racking Systems)	EU-RFCS (1,442,000 €)	Coordinator
10	2008-2011	FUSEIS (Dissipative Fuses for Seismic Resistant Steel Frames), coordinated by National Technical University of Athens	EU-RFCS (741,000 €)	Coordinator of Research Unit

**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	2014 - ongoing	M.I.T. (Italian Ministry of Infrastructures and Transportations) C.S.LL.PP (High Council for Public Works)	Member of the Ministerial WG "Racking Systems",	
2	2011-2014	M.I.T. (Italian Ministry of Infrastructures and Transportations) C.S.LL.PP (High Council for Public Works)	Member of the Ministerial Drafting Panel for the Italian Technical Building Code, Coordinator of the W.G. for Steel and Composite Constructions	
3	1995-1999	C.I.R.A. (Italian Centre for Aerospace Research)	Member of the Board of Directors nominated by the President of the Italian Republic as Representative of the Italian Ministry of University and Research	
4	1990-1998	C.N.R. (Italian National Research Council)	Technical Secretary of the Italian Commission for the Study of Recommendations for Steel Structures	
5	1984	Structural Stability Research Council (S.S.R.C.), Fritz Engineering Laboratory, LEHIGH University, Bethlehem, PA, USA.	Technical Secretary	



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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)

Ref. Number	Date	Title	Awarded by:
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Other Achievements. List the five (5) more recent and other five (5) selected.
(max total 10) (Optional Entry)

Ref. Number	Date	Title	Key Activities:
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