



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) ---
Address(es) ---
Mobile ---
E-mail ---
Nationality ---
Date of birth ---
Gender ---

Work experience

Dates	2018
Position held	Full Professor (Disciplinary Scientific Sector ICAR/09 - Structural Engineering)
Main activities and responsibilities	Managing and performing research activities, supervising master and doctoral students, teaching.
Name and address of employer	University of Campania "Luigi Vanvitelli", Department of Architecture and Industrial Design, San Lorenzo Abbey, 81031, Aversa (CE), Italy
Sector	Education and Research
Dates	2015-2018
Position held	Associate Professor (Structural Engineering)
Main activities and responsibilities	Managing and performing research activities, supervising master and doctoral students, teaching.
Name and address of employer	University of Campania "Luigi Vanvitelli", Department of Architecture and Industrial Design, San Lorenzo Abbey, 81031, Aversa (CE), Italy
Sector	Education and Research
Dates	2005-2015
Position held	Associate Professor (Structural Engineering)
Main activities and responsibilities	Managing and performing research activities, supervising master and doctoral students, teaching.
Name and address of employer	University of Chieti-Pescara "G. D'Annunzio", Faculty of Architecture – Department of Architecture - Department of Engineering and Geology, 42 Viale Pindaro, 65122, Pescara, Italy
Sector	Education and Research
Dates	2000-2005
Position held	Researcher (Structural Engineering)
Main activities and responsibilities	Performing research activities, supervising master and doctoral students, teaching.
Name and address of employer	University of Chieti-Pescara "G. D'Annunzio", Faculty of Architecture – Department of Architecture - Department of Engineering and Geology, 42 Viale Pindaro, 65122, Pescara, Italy
Sector	Education and Research

Education and training

Dates 1994-1998
Title of qualification awarded Ph.D. in Structural Engineering
Title of the Thesis The Effect of Cladding Panels in Steel Buildings under Seismic Actions

Name and type of organisation providing education and training University of Naples Federico II, Faculty of Engineering, Piazzale Vincenzo Tecchio, 80138, Naples, Italy

Dates 1989-1994

Title of qualification awarded Master's degree in civil engineering

Name and type of organisation providing education and training University of Naples Federico II, Faculty of Engineering, Naples, Italy

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s)

Self-assessment

European level (*)

English

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C2	C2	C2	C2		C2

(*) Common European Framework of Reference for Languages

Organisational skills and competences

Member of the Academic Board within Doctorate Schools since 2004, continuously (current member of the Academic Board of the Doctorate School "Architecture, Industrial Design and Cultural Heritage", University of Campania "Luigi Vanvitelli")

Rector Deputy for University Building Heritage, University of Campania "Luigi Vanvitelli"

Member of Scientific Board and Council of Consortium FABRE "Research consortium for the assessment and monitoring of bridges, viaducts and other structures"

Expert member of Technical-Administrative Committee of Interregional Superintendency for Public Works of Campania, Molise, Puglia and Basilicata regions, permanently invited since 2017.

Expert member appointed to the commissions of the Superior Council of Public Works, since 2019

National Delegate of the International Association of Earthquake Engineering (IAEE)

Member of Directive Board of Italian Association of Seismic Engineering (ANIDIS)

Member of Committee of Evaluation of Research Project for Sardinia Region within PO FSE 2014-2020. Asse III "Istruzione e Formazione" - Azione 10.5.12 - Progetti di Ricerca (2018)

Technical skills and competences

Codification in Structural Engineering

Member of international and national codification committees, such as:

- Member of Project team CEN/TC 250 /SC9-T1 "Structural Eurocodes – Design of Aluminium Structures" (European Committee for Standardization) (2015-to date);
- Member of CEN/TC 250 / SC9-Horizontal Group Fire "Structural Eurocodes" (European Committee for Standardization) (2016-to date);
- Past Vice-President of the national committee UNI-CIS/SC9 "Design of Aluminium Structures" (2013-2015);
- Past member of the CEN/TC250/SC9 Committee "Aluminium Alloy Structures" as Expert in the PT for the conversion from prEN to EN of 1993-1-2 "Fire design" and prEN 1999-1-1 "Connections"
- Past Member of the CEN/TC250/SC3 Committee "Steel Structures" as Expert in the PT for the conversion from prEN to EN of 1993-4-1 "Silos"
- Past member of the Italian UNI-SC3 Committee "Steel Structures"
- Past member of National Committee UNI-CIS "Structural resistance under fire";
- Member of the Committee for the preparation of the document CNR-DT-208/2011 "Instructions for design, execution and control of aluminium structures" (2008-2011).

Coordination in National and International Research Projects

Coordination activity for the following national and international research projects:

- Project Manager and Responsible of the RU of the Project "Integrated PRocedure for assEssing and improVing the resiliENce of existing masonry bell Towers at territorial scale (PREVENT)" – funded by the Italian public competition "Programma intra-Ateneo V:ALERE 2019" financed by University of Campania Luigi Vanvitelli;
- Technical coordinator of the task 4.8 – "Models and Fragility Curves of Churches" within the

WP4 "Risk Maps and Seismic Damage Scenario (MARS)" of the National Project DPC-RELUIS (2019-2021).

- Technical coordinator of the European Project "Earthquake Protection of Historical Buildings by Reversible Mixed Technologies"; Specific Targeted Research or Innovation Project, 6th FP (2004-2008);

- Vice-chairman of WG2 "Structural Integrity under Exceptional Loading", within the European research project COST C12 "Improving Buildings' Structural Quality by New Technologies" (2000-2004);

- Vice-chairman of WG3 "Impact and Explosions", within the European research project COST C26 "Urban habitat constructions under catastrophic events" (2006-2010);

Participation to many international research projects, such as:

- "Analysis of the contributing effect of building panels on steel structure resistance to seismic and aeolian phenomena", sponsored by European Community Commission - Executive Committee F6 "Steel Structures" - Agreement n. 7210 - SA/421 (1994-1997);

- Cost C1: "Semirigid Behaviour of Civil Engineering Connections" (1992-99);

- "Training in the Aluminium Alloy Structural Design", Leonardo Program TAS/WP, (1995-1998);

- "Use of steel in refurbishment", Progetto Tempus S_JEP-09524-95 (1995-1998);

- "Implementing of Structural Eurocodes in Romanian Civil Engineering Standards" Tempus Project JEP 01198-1995;

- "Experimental Analysis", Tempus Project JEP 011297, (1996-1999).

- "Reliability of Moment Resistant Connections of Steel Building Frames in Seismic Areas (RECOS)"; Inco-COPERNICUS Joint Research Project, 4th framework programme of European Commission.

- "Rotational Capacity of Aluminium Beams", sponsored by Hydro Aluminium Maritime (Norway).

- "Earthquake Protection of Historical Buildings by Reversible Mixed Technologies (PROHITECH)"; Specific Targeted Research or Innovation Project, 6th FP - European Commission (INCO-CT-2004-509119) (2004-2008)

- Cost C26: "Urban Habitat Constructions under Catastrophic Events" (2006-2010);

- Cost Action TU0904: "Integrated Fire Engineering and Response" (2010-2012).

Responsible of many national research projects, such as:

- Responsible of the scientific research project "Structural performance of ancient wood: experimental and numerical analysis on actual beams", financed by 'Regione Campania', within the L.R. 28/03/02 n° 5 (2000-2005);

- Responsible of the RU at the University of Chieti-Pescara "Behavior and characterization of ancient timber structures retrofitted by reversible mixed technologies", PRIN 2005 "Protection and structural rehabilitation of historical buildings by reversible mixed technologies" (2005-2007);

- Responsible of the RU at the University of Chieti-Pescara "Structural contribution of stiffening shear panels for the control of steel framed buildings", within the Research Line "Steel and steel-concrete composite structures" of the National Project DPC-RELUIS (2005-2007);

- Responsible of the RU at the University of Chieti-Pescara within Research Line 1 Task 2 "Aspects for seismic design of new constructions – Steel and steel-concrete composite structures", National Project DPC-RELUIS (2009-2012).

- Responsible of the RU at the University of Chieti-Pescara "Design methods of steel structures with dissipative shear panels" – Research Line "Steel and steel-concrete composite structures", National Project DPC-RELUIS (2014).

- Responsible of the RU at the University of Chieti-Pescara within the Research Line "Steel and steel-concrete composite structures", National Project DPC-RELUIS (2015).

- Responsible of the RU at the University of Campania Luigi Vanvitelli – Department of Architecture and Industrial Design within the Research Line "Steel and steel-concrete composite structures", National Project DPC-RELUIS (2016).

- Responsible of the RU at the University of Campania Luigi Vanvitelli – Department of Architecture and Industrial Design within the Research Line "Reinforced Concrete with reference to TT 1 activity – Schedule of Existing Structural Typologies" (cd research project CARTIS), National Project DPC-RELUIS (2016).

- Responsible of the RU at the University of Campania Luigi Vanvitelli – Department of Architecture and Industrial Design within the Research Line "Steel and steel-concrete composite structures", National Project DPC-RELUIS (2017).

- Responsible of the RU at the University of Campania Luigi Vanvitelli – Department of Architecture and Industrial Design within the Research Line "TT 1– Development of a systematic methodology for the evaluation at territorial scale on the basis of the typological and structural characteristics of buildings [ITSE]" (research project CARTIS), National Project

DPC-RELUIS (2017).

- Responsible of the RU at the University of Campania Luigi Vanvitelli – Department of Architecture and Industrial Design within the Research Line “Steel and steel-concrete composite structures”, National Project DPC-RELUIS (2018).
- Responsible of the RU at the University of Campania Luigi Vanvitelli – Department of Architecture and Industrial Design within the Research Line “TT 1– Schedule of existing structural and building typologies [ITSEE]” (research project CARTIS), National Project DPC-RELUIS (2018).
- Responsible of the RU at the University of Campania Luigi Vanvitelli – Department of Architecture and Industrial Design within the Research Line “WP2 - Schedule of existing structural and building typologies [ITSEE]” (research project CARTIS), (Task 2.3.2 – Vulnerability analysis of masonry buildings, Task 2.3.3 – Vulnerability analysis of r.c. buildings and Task 2.3.6 – Risk analysis at territorial scale) National Project DPC-RELUIS (2019-2021).
- Responsible of the RU at the University of Campania Luigi Vanvitelli – Department of Architecture and Industrial Design within the Research Line “WP4-Risk Maps and Seismic Damage Scenario (MARS)” (Task 4.8-Churches and Task 4.9 - Bridges) National Project DPC-RELUIS (2019-2021).
- Responsible of the RU at the University of Campania Luigi Vanvitelli – Department of Architecture and Industrial Design within the Research Line “WP12-Codification of civil and industrial buildings in steel and composite concrete-steel” (Tasks 12.1 and 12.3) National Project DPC-RELUIS (2019-2021).
- Responsible of the RU at the University of Campania Luigi Vanvitelli – Department of Architecture and Industrial Design within the PON R&I 2014-2020 Research Project “GENESIS - GESTIONE del rischio SISmico per la valorizzazione turistica dei centri storici del Mezzogiorno”, (2022-to date)

Responsibility in University Agreements

In charge of scientific direction for a number of university scientific-technical agreements, such as:

- Responsible for the structural interventions for the reconstruction plans of the municipality of Goriano Sicoli (AQ) after the 2009 L'Aquila earthquake within the activity developed by the department of Architecture of the University of Chieti-Pescara (Resp. Prof. Carmen Andriani) (2011-2012);
- Responsible for the structural interventions for the reconstruction plans of the municipality of Cocullo (AQ) after the 2009 L'Aquila earthquake within the activity developed by the department of Architecture of the University of Chieti-Pescara (Resp. Prof. Piero Rovigatti) (2012-2013);
- Responsible for the structural interventions for the reconstruction plans of the municipality of Gagliano Aterno (AQ) after the 2009 L'Aquila earthquake within the activity developed by the department of Architecture of the University of Chieti-Pescara (Resp. Prof. Carmen Andriani) (2013-2014);
- In charge together with Prof. Enrico Spacone of the Contract related to the “Seismic assessment and preliminary design for seismic retrofitting of the school building ITC-ITG “A. De Nino/R.Morandi” damaged by the earthquake of 6/4/2009”, within the “Activity on the school buildings of Avezzano e Sulmona”, developed by RELUIS Consortium for the Provveditorato Interregionale delle Opere Pubbliche di Lazio, Abruzzo e Sardegna – Department of Engineering and Geology of the University G. D’Annunzio of Chieti-Pescara (2011-12);
- In charge of scientific direction of the agreement between the Department of Engineering and Geology of the University G. D’Annunzio of Chieti-Pescara and the Polytechnic International Institute Polisi of Chiasso (Switzerland) for the development of research and teaching activity at the Engeneering Faculty of PoliSI Institute (2013-2014);
- In charge of scientific direction of the agreement between the Department of Architecture and Industrial Design of the University of Campania Luigi Vanvitelli and the Pilato S.p.A. for the “Study for structural safety assessment of the office building of Pilato S.p.A.” (2016-2017);
- In charge of scientific direction of the agreement between the University of Campania Luigi Vanvitelli “Enhancement and critical analysis of school building register of Regione Campania”, POR FSE 2014-2020, within the agreement between the Regione Campania e the Univerities of Campania: University of Naples Federico II, University of Campania Luigi Vanvitelli, University of Salerno, University of Sannio, “Parthenope” University , (2017-18);
- In charge of scientific direction of the agreement between the Department of Architecture and Industrial Design of the University of Campania Luigi Vanvitelli and the Province of Caserta for the “Activity related to the static/seismic upgrading of road bridges on roads of the province subjected to structural interventions” (2016-2017);
- In charge of scientific direction of the agreement between the Department of Architecture and Industrial Design of the University of Campania Luigi Vanvitelli and RELUIS Consortium

for the “Activity for technical-scientific support related to the Centro-Italia - Lazio, Marche, Umbria e Abruzzo - from the 24th of August 2016” (2017);

- In charge of scientific direction of the agreement between the Department of Architecture and Industrial Design of the University of Campania Luigi Vanvitelli and the University polyclinic of the University of Campania Luigi Vanvitelli for the activity related to the “Support for monitoring and evaluation of the causes of the structural failure of the psychiatric building Villa Chiara of the AOU of the University of Campania Luigi Vanvitelli” (2017-);
- In charge of scientific direction of the agreement between the Department of Architecture and Industrial Design of the University of Campania Luigi Vanvitelli and the Province of Caserta for the “Propaedeutic activity related to the approving of the technical and economical feasibility project for the per implementation of intervention named “Messa in sicurezza della direttrice Caserta Monti del Matese”” (2017-);
- In charge of scientific direction of the agreement between the Department of Architecture and Industrial Design of the University of Campania Luigi Vanvitelli and the University polyclinic of the University of Campania Luigi Vanvitelli for the activity related to the “Technical support and expertise for structural consolidation of the buildings Clinica Pediatrica and ex Patologia Generale of the AOU of the University of Campania Luigi Vanvitelli” (2017-);
- Collaborative activity developed for the Italian Department of Civil Protection for building reconnaissance after the L’Aquila earthquake of 6/4/2009, developing about 100 feasibility assessments of earthquake damaged buildings (2009-10);
- Collaborative activity developed for the RELUIS Consortium for supporting the Italian Department of Civil Protection and the “Commissioner-Delegate for Reconstruction” in relation to “School buildings classified E (condemned)” after the Earthquake of Centro Italia of 2016 (2016-17).

Other skills and competences

Editorial and Peer-Reviewing Activities

Member of Editorial Boards of international journals:

- NED University Journal of Research – an International Journal (ISSN: 2304-716X).
- The Open Civil Engineering Journal (ISSN: 1874-1495), indexed by Scopus
- The Open Construction & Building Technology Journal (ISSN: 1874-8368), indexed by Scopus
- Buildings – MDPI (ISSN: 2075-5309), indexed by Scopus;
- Applied Sciences – MDPI (ISSN: 2076-3417), indexed by Scopus

Reviewer of more than 100 scientific papers for a number of recognized international journals, such as (publons.com):

- Elsevier, Journal of Constructional Steel Research (24 articles)
- Elsevier, Engineering Structures (16)
- Wiley, The Structural Design of Tall and Special Buildings (17)
- Springer, Bulletin of Earthquake Engineering (13)
- Springer, Materials and Structures (5)
- Taylor & Francis, International Journal of Architectural Heritage (6)
- Elsevier, Construction and Building Materials (2)
- Springer, Journal of Civil Structural Health Monitoring (2)
- MDPI, Applied Sciences (3)
- Elsevier, Thin-Walled Structures (1)
- Springer, Natural Hazards (1)
- Springer, Earthquake Engineering and Engineering Vibration (1)

International Collaborations

Scientific cooperation with many international Institutions, such as:

- Instituto Superior Tecnico di Lisbona, (Portugal), Prof. L. Calado
- Norwegian University of Science and Technology di Trondheim (Norway), Prof. M. Langseth
- Politehnica University di Timisoara (Romania), Prof. D. Dubina
- University of Architecture, Civil Engineering and Geodesy of Sofia (Bulgaria), Prof. J. Milev
- University of Manchester (United Kingdom, Prof. J. M. Davies
- Universität Stuttgart (Germany), Prof. U. Kuhlmann
- Technical University of Prague (Czech Republic), Prof. F. Wald
- University of Thessaly (Greece), Prof. E. Mistakidis
- University of Liege (Belgium), Prof. J.P. Jaspart
- University of Skopje and IZiIS (Macedonia), Prof. Kiril Gramatikov e Prof. L. Tashkov
- University of Southampton (UK), Dr. Mike Byfield
- University of Cranfield (UK), Dr. Peter Smith
- Eindhoven University of Technology, Netherlands, Prof. Johan MalJaars
- Ss. Cyril and Methodius University of Skopje, Republic of Macedonia, Prof. Kiril Gramatikov
- Institute of Earthquake Engineering and Engineering Seismology, Skopje, Prof. Ljubomir

Tashkov e Lidija Krstevska
- Sharif University of Technology (SUT), Theran, Iran, Prof. Ali Bakhshi

Awards and Acknowledgments

Special achievement in Structural Engineering” for 2008, for the research activity “Numerical and Experimental Analysis of Three Strengthening techniques applied on three large scale models in the frame of the PROHITECH project”, awarded by the Macedonian Association of Structural Engineers (MASE), within the XIII International Symposium MASE, Ohrid (Macedonia), 14-17 October 2009.

Study prize in the field of Structural Mechanichs awarded by the Fondazione Adriano Galli for research activity “Sandwich structures: theoretical, numerical and experimental analysis on local buckling phenomena” (1994).

Scientific Publications

Author of more than 400 scientific papers, published in national and international scientific journals and conference proceedings, mainly focused on the following topics:

- Structural behaviour and retrofitting of monumental buildings
- Seismic response of steel structures;
- Innovative devices for seismic protection of buildings;
- Steel and aluminium connections;
- Aluminium structures;
- Structural behaviour of structures under fire, blast and explosions
- Structural safety of existing bridges.

Speaker in more than 150 National and International Conferences

“According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV”

Date: 13/05/2022

Signature
