CURRICULUM VITAE

PROFESSIONAL EXPERIENCE

• MAR 2021 – TO DATE	Post-doctoral fellow, *University of Genoa*, DICCA
• Supervisor	Prof. Luisa Carlotta Pagnini
• Research topic	Structural and infrastructural monitoring with wireless sensors and 5g communication (5GSMARTGe project)
• NOV 2017 – LUG 2021	Ph.D. student, *University of Genoa*, DICCA
• Supervisors	Prof. Maria Pia Repetto, Prof. Luisa Carlotta Pagnini
• Curriculum	Structural and Geotechnical Engineering, Mechanics and Materials
• Research project	Full-scale monitoring of the wind-induced response of vertical slender structures, with fixed and rotating masses
• MAY 2017 – AUG 2017	Research collaborator, *University of Genoa*, DICCA
• Supervisors	Prof. Maria Pia Repetto, Prof. Luisa Carlotta Pagnini
• Research topic	Fatigue resistance calculation of the welded joints of a wind turbine tower, through Hot Spot Stress approach

EDUCATION

• 2010 - 2016	Master's Degree in Architectural Engineering, *University of Genoa*, 110/110
• Master Thesis	Experimental analysis of wind excited response of a small vertical axis wind turbine

• 2005 - 2010	High school Diploma, *Liceo Scientifico Leonardo Da Vinci*, Genoa, 100/100
PRIZES AND AWARDS	ASING award for the top ten Engineering freshmen in Genoa (a.y. 2010-2011), based on the perfomance indicator IRIS.
CONFERENCES AND SEMINARS	4th Training School "Advances in Wind Energy Harvesting", Bratislava, 25-30 March 2018

15th International Conference of Wind Engineering (ICWE15), Beijing, 25-30 September 2019

11th International Conference on Structural Dynamics (EURODYN 2020), Athens, 23-26 November 2020 |
| **PROFESSIONAL MEMBERSHIPS** | Member of ANIV-G, young researcher group within ANIV (Italian Association for Wind Engineering) |
| **PUBLICATIONS** | (2021). Structural response and fatigue assessment of a small vertical axis wind turbine under stationary and non-stationary excitation, *Renewable Energy*, 170, 251-266.

(2021). Aerodynamic characterization of a polygonal cylinder with imperfection and ancillaries by wind tunnel tests. *Engineering Structures*, (to be submitted). |
| **LANGUAGES** | |
| MOTHER TONGUE | **ITALIAN** |
| OTHER LANGUAGE | **ENGLISH**

B2 - First Certificate in English, grade A |
IT SKILLS	ECDL Certificate
• Softwares	MATLAB, ANSYS, SAP2000, AutoCAD, LabView
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