EUROPEAN CV FORMAT

PERSONAL INFORMATION

_____

Name	**MARCO ANGELOSANTI**

Web site – Portfolio	**https://sites.google.com/view/marcoangelosanti**
Nationality	Italian
Place and date of birth	TERNI, 12/03/1993

This document is organized to split my work, academic, research and teaching activity. Indeed, I believe it is essential to translate research into professional knowledge. Scientific publications, skills, applications and software used are also presented.

WORK EXPERIENCE

_____

• Date (from - to)	03/2022 - ONGOING
• Activity/Role	**BIM and R&D Engineer**
• Activities and responsibilities	BIM automation (Civil), modeling (Civil) and coordination (Civil, MEP, Site) of a 48MW TIER 3 **Data Center** in Magenta (Milan); Research and development in the field of **Digital Survey** with **drone photogrammetry, Laser scanning and Matterport** solutions. **Point cloud survey management** all new internal jobs. **Due Diligence management** related to **Digital Survey**; Research and Development in the field of **digital automation**, with Visual Programming Language (VPL) script for **Dynamo** and **QGIS graphic modeler**; Development of **GIS script for automatic LEED credits** (High Priority Site and Surrounding Density) computation.
• Employer	**LOMBARDINI22 S.P.A.**
• Date (from - to)	07/2021 - 02/2022
• Activity/Role	BIM Engineer
• Activities and responsibilities	Digital Survey, BIM model, refurbishment project of Chiesa S. Pancrazio (Isola Farnese).
• Employer	DIOCESI DI SANTA RUFINA
• Date (from - to)	03/2021 - 07/2021
• Activity/Role	**J1** short-term consultation
• Activities and responsibilities	**IR** (InfraRed) images analysis of **UMass Campus roofs** to detect subsurface defects causing **heat loss**. Reconstruction of **photogrammetric point clouds** from IR images acquired using **UAV** (Unmanned Aerial Vehicle). Filling of relevant information (**IR orthomosaic**) in **GIS** models, easily shared with sponsor agency.
• Employer	RIST INSTITUTE FOR SUSTAINABILITY AND ENERGY AT UMASS LOWELL
• Date (from - to)	11/2020 - 01/2021
• Activity/Role	BIM Engineer
• Activities and responsibilities	BIM model, refurbishment project of Chiesa S.S Immacolata (San Felice Circeo)
• Employer	VICARIATO DI ROMA

For more information:
www.cedefop.eu.int/transparency
www.europa.eu.int/comm/education/index_it.html
www.eurescv-search.com

• Date (from - to)	02/2020 - 02/2021
• Activity/Role	BIM Engineer
• Activities and responsibilities	2020-2021_**Compendium of Villa Albani-Torlonia**, in particular Casino Nobile (Basement with underground connections, Ground Floor, Noble Floor, Mezzanine Floor and Attics), Leda Gallery, Hemicycle of the Kaffeehaus, Canopus Gallery, Billiard Gallery, Heirs' Houses, Caretaker's House, Gipsoteche, Semi-destroyed Temple (Rome) - *Client Fondazione Torlonia*

Estimation of Prince Alessandro Torlonia hereditary estate assets consistency (PROCEDURA R.G. N. 967/2018 SUCCESSIONE PRINCIPE TORLONIA);

Cadastral surveys;

Processing of point clouds and orthophotos (TLS + DRONE photogrammetry);

Census of the **artistic patrimony of Villa Albani** on the basis of the existing cataloguing work, as Morcelli-Fea-Visconti (1869) for the Casino Nobile;

Elaboration of BIM models for the generation of plans, elevations and sections of all the buildings of the compendium of Villa Albani;

HBIM model at **LOD 350** (BIM Forum 2019) of the **Kaffeehaus hemicycle** for the **structural investigation of the barrel vault** and integral refurbishment;

2020-2021 "Velino" 1.50 km Viaduct along **SS4** (Rieti); "Collevalenza" 0.75 km tunnel along the SS3bis (Todi); "Monte Lora" 0.40 km, "Su Cabriolu" 0.15 km, "Lantini" 0.10 km tunnel along **SS387** (Ballao-San Vito, Sud Sardegna province); "San Francesco" 0.90 km tunnel along **SS131** (Nuoro) – *Client BRENG, Diamonds srl*

Processing of **point clouds** (TLS + UAV + GNSS) and **BIM** model for plan and hectometric sections;

Processing of the **topographic surface** from point cloud, semi-automatically cleaned from vegetation;

Study of the **strain pattern** with **C2M** (Cloud to Model) comparison between point cloud and **BIM** model.

2020_ Building complex (96 apartments) delimited by via della Lungara (starting from Porta Settimiana), via Corsini, Largo Cristina di Svezia in Trastevere (Rome) – *Client Corsini Immobiliare s.r.l., Lungara Immobiliare s.r.l., Farnesina Immobiliare s.r.l., Settimiana Immobiliare s.r.l.*

Processing of point clouds (TLS) and **HBIM** model

Project of restoration and conservative rehabilitation of facades;

Technical report on technical prescriptions for restoration work.

2020_**Palazzo Torlonia** in via della Conciliazione (RM) – *Private client*

Processing of TLS orthophotos for an occupation request of public land.

2020_ Nine rural houses and 20 ha land in Gubbio (PG) – *Private client*

Processing of point clouds and orthophotos (TLS + UAV);

Processing of orthophotos, DTM and topographic surface, semi-automatically cleaned from vegetation;

2020_Info-Point ENEL at the former head quarters of Isola Serafini in Monticelli D'Ongina (Piacenza) – *client Atelier A studio, for ENEL GREEN POWER.*

Processing of point clouds (TLS) of both the **As-Design** and **As-Built**;

Elaboration of the ARC-STR BIM model of both the As-Design and As-Built;

2020_**Villa Tigli** (former Villa **Zeffirelli**, now **Berlusconi**) (Roma) – *client Idra Immobiliare*

Processing of point clouds (TLS + APR) for plans, elevations and sections;

2020_ Calls for the assignment of **seismic vulnerability assessment**, **energy diagnosis**, geometric, architectural, technological and systems survey to be delivered in BIM.

2020_ Beach facilities in Fregene – *Private client*

New layout of outdoor dining areas to comply with COVID-19

2020_Villa in Selva Nera (Rome) - *Private client*

BIM elaboration of the Executive Project (ARC+STR);

• Group	BIMlab Group s.r.l.
• Date (from - to)	01/2017 - 08/2018
• Activity/Role	Precision engineering and mechanical design

• Activities and responsibilities	**3D** optimization and **printing in PLA and TPU** prototypes and detail elements
• Employer	TopLayer 3D printing

RESEARCH AND TEACHING ACTIVITIES

_____

• Date	09/2019 → 12/2022
• Job or positions held	**Research Assistant**
• Activities and responsibilities	**PRIN** (Progetto di Rilevante Interesse Nazionale) **BE S2ECURe - (make) Built Environment Safer in Slow and Emergency Conditions through behavioUral assessed/designed Resilient solutions**
• Funding	Call 2017 Prot. 2017LR75XK funded by MIUR
• Employer	PI: Prof. Enrico Quagliarini (UNIVPM), Prof. Edoardo Currà (UNIRM), Prof. Graziano Salvalai (POLIMI), Prof. Fabio Fatiguso (POLIBA), Prof. Giovanni Mochi (UNIPG). Research activities concerning vulnerability factors of morphological systems of open
• Activities	space and their implementation in BIM and GIS for rapid urban vulnerability assessment.

• Date	01/2021 → 07/2021
• Job or positions held	**PhD Visiting Researcher**
• Project	**Seismic Vulnerability Assessment of Open Spaces in Built Environment through Motion Magnification** - _(VSAM)² - Valutazione della Vulnerabilità Sismica degli Spazi Aperti nell'Ambiente costruito attraverso il Moto Magnificato_
• Funding	**Self-funded** with EU Call for Young Researchers 2020
• Employer	**University of Massachusetts Lowell, Sapienza University of Rome**
• Activities	Combination of **optical techniques** for Structural Health Monitoring (**SHM**) implemented in **BIM**. Lab tests have been performed on an aluminum frame structure, monitored with accelerometers, ZenMuse IR-cam, Sony RX High-Speed camera, and two **Photron** SA2 High-Speed cameras for **3D-DIC** (Digital image Correlation) and MM (**Motion Magnification**) combination analysis.

• Date	01/2021 → 07/2021
• Job or positions held	**Visiting Research Assistant**
• Project	**ONR** (Office of Naval Research) GRANT - **3D Assessment of Energy Infrastructure Systems via Optical and Infrared Image Scans**
• Employer	Scientific coordinator: Prof. Christopher Niezrecki, Prof. Alessandro Sabato **University of Massachusetts Lowell**
• Activities	**IR** (InfraRed) pictures acquired from an **UAV** (Unmanned Aerial Vehicle) have been used for **photogrammetric point cloud** reconstruction to detect subsurface defects causing **heat loss** and sub-surface **structural damages**. Cloud2Cloud (**C2C**) distance between IR point cloud and visible spectrum point cloud and Cloud2Model (**C2M**) distance between IR cloud and **BIM** model have been performed to store and analyze data.

• Date	02/2019 → 12/2020
• Job or positions held	**Research Assistant**
• Activities and responsibilities	Scientific collaboration agreement between CRITEVAT and La Sapienza: **BIM4H&W** (BIM for Health and Wellbeing) project Lazioinnova "Creatività 2020" Scientific coordinator: Prof. Edoardo Currà
• Employer	CRITEVAT - Faculty of Engineering, La Sapienza University of Rome
• Activities	Support for research with reference to the state-of-the-art analysis behind **BIM** applications, highlighting the digital services and technologies for surveying, analyzing and characterizing existing buildings with geometric and informative parameters.

• Date	02-05/2021
• Job or positions held	**Teaching Assistant**
• Activities and responsibilities	Teaching Assistant of **SENSORS** (Prof. Alessandro Sabato)
• Employer	**Department of Mechanical Engineering – University of Massachusetts Lowell**
• Activities or field	MECH 5195

• Date	04/2020
• Job or positions held	**Teaching Assistant**
• Activities and responsibilities	Speaker for PhD in Engineering-based Architecture and Urban Planning lessons
• Employer	DICEA (Department of Civil Environmental Construction Engineering) - Faculty of

	Engineering, La Sapienza University of Rome
• Activities or field	**Integrated photogrammetric and TLS (Terrestrial Laser Scanner) survey, HBIM, Scan-to-BIM, parametric BIM for structural use**.
• Date	10/2018 → ongoing
• Job or positions held	**Teaching Assistant**
• Activities and responsibilities	Teaching Assistant of Projects for Building **Refurbishment** (Prof. Ing. Edoardo Currà)
• Employer	CRITEVAT (Rieti Centre for Engineering Research for the Protection and Valorization of the Environment and Territory) and DICEA (Department of Civil Environmental Construction Engineering) - Faculty of Engineering, Sapienza University of Rome
• Activities or field	ICAR/10 Building Architecture
• Date	08/2018 → 2020
• Job or positions held	**Research Assistant**
• Activities and responsibilities	Scientific collaboration agreement between CRITEVAT and The Municipality of **Fiamignano** 2018-2020 **"Strategies to support seismic vulnerability assessments"**
• Scientific coordinator	Prof. Edoardo Currà
• Employer	CRITEVAT (Rieti Centre for Engineering Research for the Protection and Valorization of the Environment and Territory) - Faculty of Engineering, Sapienza University of Rome

EDUCATION   ————————————

• Date (from - to)	**10/2018 → 05/2022**
Title of the qualification	**PhD in Engineering-based Architecture and Urban Planning**
• Education / training institution	DICEA (Department of Civil, Construction and Environmental Engineering) - Faculty of Civil and Industrial Engineering, La Sapienza University, Rome
• Theme	**Open spaces in built environment. Integrated digital tools for seismic risk description.**
• Date (da – a)	**01/2021 → 07/2021**
• Titolo della qualifica	**PhD visiting Scholar**
Istituto di istruzione/formazione	University of Massachusetts Lowell – 1, University Avenue, Lowell, MA, 01854, **Department of Mechanical Engineering** SDASL – **Structural Dynamics & Acoustic Systems Laboratory**
• Date	02/2019
• Qualification	Qualification to practice as an PE (Professional Engineer). Sect. Civil and Environmental
• Education / training institution	Faculty of Engineering, La Sapienza University of Rome
• Date (from - to)	11/2012 → 10/2018
• Qualification	**MS in Building and Architectural Engineering**
• Education / training institution	Faculty of Civil and Industrial Engineering, La Sapienza University of Rome
Title of the thesis	**Survey, structural analysis and refurbishment of villa Palma-Guazzaroni in Terni**
Supervisors	Prof. Ing. Edoardo Currà, Prof. Arch. Marco Carpiceci, Prof. Ing. Domenico Liberatore
Keywords	*Survey, HBIM, TLS (Terrestrial Laser Scanner), Photogrammetry, seismic assessment, refurbishment*
• Vote	**110/110 cum laude**
Weighted average	30.05/30 (presentation 110.20/110)
Level in the National rankings	LM-4 C.U. - MS (five-year)
• Date (from - to)	2007 – 2012
• Qualification	High school diploma
• Education / training institution	High School 'Galileo Galilei', TERNI (TR)
Graduation vote	100/100

OTHER TRAINING ACTIVITIES

• Date (from - to)	07/2020
• Activity	International Summer School **AfterTheDamages**
Key themes/skills	Analysis, mitigation, and risk management; Resilience, governance, legal, socio-economic issues and post-disaster participatory actions supporting communities with a resilient attitude; Documentation, digital survey, monitoring, digital modeling for the conservation of Cultural Heritage; Aware design and technologies applied to the conservation of the historic built heritage.
• Scientific coordinator	Marcello Balzani, Riccardo Dalla Negra, Roberto Di Giulio
• Education / training institution	Università degli studi di Ferrara; Università degli Studi di Parma; Università degli Studi di Modena e Reggio Emilia; Agenzia per la Ricostruzione Sisma 2012; MiBACT.
• Date (from - to)	03-05/2020
• Activity	**DYNAMO** and **REVIT** (ARC+MEP) BIMon Ecosystem
Key themes/skills	Theoretical and practical knowledge of computational design in DYNAMO and REVIT environment
• Scientific coordinator	Arch. Claudio Vittori Antisari - Ing. Emmanuel Sedran
• Education / training institution	BIMon srl – Strategie digitali srl.
• Date (from - to)	03/2020
• Activity	**UAV Pilot Certificate (Open A1/A3 and Open A2)**
• Serial number	ITA-RP-0170b5dac97b | ESP-RP-000000059686
• Education / training institution	EASA (ENAC | AESA)
• Date (from - to)	05/2019
• Activity	**PYTHON** lab.
• Main topics / professional skills acquired	Basic knowledge of the Python language, both with theoretical lessons and with practical tutorials.
• Scientific coordinator	LUG Sapienza
• Education / training institution	Faculty of Information Engineering, Computer Science and Statistics, La Sapienza University of Rome
• Date (from - to)	02/2019
• Activity	Workshop "Computational Design with **REVIT** 2019 and **DYNAMO**"
• Main topics / professional skills acquired	Creating parametric families in Revit, Dynamo for Revit, defining and managing nodes in Dynamo
• Scientific coordinator	Prof. Mark Clayton
• Education / training institution	Faculty of Engineering, Rome; Texas A&M University
• Date (from - to)	02/2019
• Activity	Workshop "Tetris on a Bridge, cellular automata and **agent-based design**"
• Main topics / professional skills acquired	Using **NetLogo** software for agent modeling, with deepenings on **GIS** integration
• Education / training institution	La Sapienza University of Rome; TU WIEN (Technische Universitat Wien); Daad Group (Digital augmented architectural Design)
• Date (from - to)	11/2016
• Qualification	Official McNeel Certificate
• Main topics / professional skills acquired	Advanced course "COMPLEX MODELING for **Grasshopper**" (for **Rhino**) to explain the potential of Nurbs and Mesh modeling of complex shapes through generative algorithms.
• Education / training institution	McNeel – Drawing4design

PUBLICATION _____

J		JOURNAL PAPERS
C		CONFERENCE PROCEEDINGS
B		BOOK CHAPTERS
I		In press

J 1. **Angelosanti M.,** Currà E., Sabato A. (2022) *BIM oriented applications of structural health monitoring based on magnified digital image correlation point-clouds.* In: *Automation in Construction*

B 2. **Angelosanti M.,** (2022) *HGIS per una lettura dell'evoluzione morfologica del letto del fiume Nera.* In: Toppetti F. *Restart Nera,* Mondadori

J
I 3. Dabetwar S., Kulkarni N. N., **Angelosanti M.**, Niezrecki C., Sabato A. (2022) *Sensitivity Analysis of Unmanned Aerial Vehicle-borne 3D Point Cloud Reconstruction from Infrared Images.* In: *Remote sensing submission ISPRS Journal of Photogrammetry and Remote Sensing*

C 4. Fatiguso F., Bruno S., Cantatore E., Currà E., D'Amico A., Russo M., **Angelosanti M.,** Bernardini G., Mochi G., Salvalai G., Quagliarini E. (2022) *Risk communication and awareness of the built environment threatened by disasters with digital models.* In *Rehabend 2022.* Granada, Spain

C 5. Rosso F., Bernabei L., Bernardini G., Russo M., **Angelosanti M.**, Currà E., Quagliarini E., Mochi G. (2022) *Urban morphology parameters towards multi-risk scenarios for squares in the historical centers: analyses and definition of square typologies and application to the Italian context.* In: *Journal of Cultural Heritage*

J 6. Currà E., D'Amico A., **Angelosanti M.** (2022) *HBIM between Antiquity and Industrial Archaeology: Former Segrè Papermill and Sanctuary of Hercules in Tivoli.* In: *Sustainability*

C 7. **Angelosanti M.,** Dabetwar S., Currà E., Sabato A. (2021) *3D-DIC analysis for BIM-oriented SHM of a lab-scale aluminium frame structure* In: *J. Phys.: Conf. Ser. 2041 012009*

J 8. D'Amico A., Russo M., **Angelosanti M.**, Bernardini G., Vicari A., Quagliarini E., Currà E. (2021) *Built Environment Typologies Prone to Risk: A Cluster Analysis of Open Spaces in Italian Cities.* In: *Sustainability*

C 9. **Angelosanti M.**, Bernabei L., Russo M., D'Amico A., Cantatore E., Bernardini G., Fatiguso F., Salvalai G., Mochi G., Quagliarini E., Currà E. (2021) *Towards a multi-risk assessment of Open Spaces and its users: a rapid survey form to collect and manage risk factors.* In: *International Conference on Sustainability in Energy and Buildings SEB 2021.* Split, Croatia

C 10. D'Amico A., Russo M., Bernabei L., **Angelosanti M.**, Cantatore E., Bernardini G., Fatiguso F., Salvalai G., Mochi G., Quagliarini E., Currà E. (2021) *Verso una valutazione multi-rischio per la sicurezza dell'ambiente costruito e dei suoi utenti: una scheda per la definizione di scenari negli spazi aperti urbani* In*: Colloqui.AT.e 2021 Progetto e Costruzione Tradizione ed innovazione nella pratica dell'architettura.* Salerno, Italy

J 11. Russo M., **Angelosanti M.**, Bernardini G., Currà E., Quagliarini E. (2020) *Factors Influencing the Intrinsic Seismic Risk of Open Spaces in Existing Built Environments: A Systematic Review.* In: *Sustainability , 14*(1), 42; https://doi.org/10.3390/su14010042

J 12. Currà E., D'Amico A., **Angelosanti M.** (2021) *Representation and knowledge of historic construction: HBIM for structural use in the case of villa Palma in Terni.* In: *TEMA 2020.* DOI: 10.30682/tema0701b

B 13. **Angelosanti M.** (2021) *L'industria dall'alto.* In: Currà E., Covino R. *La memoria dell'industria. Patrimoni della produzione della provincia di Rieti,* Mondadori, p 154-159, ISBN: 978-88-918-3073-9

C 14. **Angelosanti, M.** (2020) *Finalità dell'applicazione del Motion Magnification ai modelli HBIM.* In: *Colloqui.AT.e 2020 New Horizons for Sustainable Architecture.* Catania, Italy

C	15.	D'Amico A., Currà E., **Angelosanti M.,** Colò G. (2020) *BIM 7D: La dimensione della sostenibilità nei sistemi BIM in ottica di Healthy Buildings.* In*: Colloqui.AT.e 2020 New Horizons for Sustainable Architecture.* Catania, Italy
C	16.	Bernabei L., Mochi G., Bernardini G., Quagliarini E., Cantatore E., Fatiguso F., **Angelosanti M.,** Currà E., D'Amico A., Russo M. (2020) *Human behaviours and BE investigations to preserve the heritage against SUOD disasters.* In: *H2020 7° International Conference on Heritage and Sustainable Development.* Coimbra, Portugal
B	17.	**Angelosanti M.,** Hueto Escobar A., Menapace C., Ugliotti F.M., De Marco R. (2020) *Conservation of historical built environment and risk assessment through the use of innovative models of digital survey and data collection.* In: Maietti F., Montuori M., Raco F., Pescosolido C., "After the Damages" Internation. Summer School. In: *Paesaggio Urbano*, Maggioli, p 53
C	18.	Russo M., **Angelosanti M.,** Bernardini, G., Cantatore E., D'Amico A., Predari G., Currà E., Fatiguso F., Mochi G., Quagliarini E. (2020) *Morphological systems of open spaces in built environment prone to Sudden-onset disasters.* In: *International Conference on Sustainability in Energy and Buildings SEB 2020.* Split, Croatia
B	19.	**Angelosanti, M.** (2019) *Sintesi di conoscenza e rappresentazione della costruzione storica, il caso di villa Palma a Terni.* In: Cavallera HA (ed) *L'unica via è il pensiero.* Intermedia Edizioni, Terni, pp 97–113 Presentazione del libro: 21 novembre 2019 presso l'Archivio di Stato di Terni
C	20.	Currà E., **Angelosanti M.,** D'Amico A. (2019) *Integrated Digital Tools for Earthquake Risk Reduction in Historic Urban Landscape of Central Italy.* In: *4th Digital Landscape International Symposium.* Nanjing
C	21.	Currà E., D'Amico A., **Angelosanti M.** (2019) *HBIM per la conoscenza e la rappresetazione della costruzione storica. Il caso di villa Palma-Guazzaroni a Terni.* In: *Colloqui.AT.e 2019 Ingegno e costruzione nell'epoca della complessità.* Torino, Italy, pp 628–637
C	22.	Carpiceci, M., **Angelosanti, M.** (2019). *Dal rilievo alla ricostruzione storica, il caso di villa Palma-Guazzaroni.* In: *3D Modeling & BIM 2019.* Roma: DEI s.r.l. tipografia del genio civile. ISBN 978.88.496.1942.3

SKILLS _____

LANGUAGE | **ITALIAN**

OTHER LANGUAGES

COMPRENSIONE				PARLATO				SCRITTO	
Ascolto		Lettura		Interazione orale		Produzione orale			
B2	Autonomo	B2	Autonomo	B2	Autonomo	B2	Autonomo	B2	Autonomo
B2	Autonomo	C1	Avanzato	C1	Avanzato	B2	Autonomo	B2	Autonomo

French (first row)
English (second row)

CERTIFICATES

French | **DELF** (Diplôme d'études en langue française) - Ministère de l'éducation nationale de France, **2006** – Liv. europeo: A2

English | **iTep** (International Test of English Proficiency) Academic-Plus, **2020** – Liv. Europeo: C1
FCE (First Certificate in English) - University of Cambridge ESOL Examinations, **2011** – Liv. europeo: B2

ARTISTIC SKILLS | Hand drawing ability, matured during studies and for hobby.

Page 7 – CV of Marco Angelosanti

For more information:
www.cedefop.eu.int/transparency
www.europa.eu.int/comm/education/index_it.html
www.eurescv-search.com

LICENSE	Car (B)
	UAV Pilot Certificate (Open A1/A3 + Open A2)

APPLICATION AND SOFTWARE

————————————————

• **BIM Authoring**	**Revit,** Allplan
• **BIM Tools**	**Dynamo**, Robot Structural Analysis, Edilus, Primus, Termus, Insight
• **GIS**	**qGIS**, ArcGIS, Infraworks
• 2D/3D modeling	Grasshopper, Rhinoceros, Autocad, Sketchup
• Graphics and editing (sounds, images, videos)	Suite Adobe (Photoshop, Illustrator, Premiere pro, After Effects)
• Office package	Excel, Word, PowerPoint, OneNote
• Programming	MATLAB, Python
• Survey (photogrammetric and laser scanner)	JRC 3D Reconstructor, Agisoft Metashape, Reality Capture, Pix4D, Scene, Cyclone, Geomagic Design X, CloudCompare
• Visual inspection, modal analysis and FEM	Aramis, Photron, EDM suite by Crystal Instruments, Robot Structural Analysis, Inventor Nastran, RDI technologies.
• 3D printing	Ultimaker Cura, Meshlab, Meshmixer

TITLES/ AWARDS

————————————————

2021	A.I.VE.LA member (Italian Association of LAser VElocimetry)
2020 **Award and scholarship**	**Winner** of the call **"Young researchers"** within the projects of **Internationalization of Sapienza University** of Rome, for a research period of **6 months at the University of Massachusetts Lowell (Massachusetts, USA)** Organizing institution: Sapienza University of Rome
2019 **Award and scholarship**	**Winner** of the call **"Engineering and Innovation 2019" named after Alberto Franceschini** Organizing authority: Engineers Order of Terni Ranking: 1st
2019 **Funding allocation**	**Winner** of the call **"*Research Startup Projects*".** Title of project funded "**GeoBIM** Scenarios for Open Spaces in Built Environment Vulnerability Assessing through Visual Vibrometry." Organizing authority: La Sapienza University of Rome
2019	AIPAI member (Italian Association for Industrial Archaeological Heritage)
2019	ADSI Lazio member (Italian Historical Homes Association, Lazio headquarters) as a prize for participation in the competition for Villa Mergè refurbishment
2019 Competition	Competition for Villa Mergè refurbishment ADSI – Restoration of Villa Mergè, Frascati Title of merit
10/2018 **Scholarship**	**Winner of a Doctoral Fellowship in Engineering-based Architecture and Urban Planning** **La Sapienza University of Rome (3 years)**
2016 Competition	Evolo Skyscaper Competition 2016 eVolo - architecture and design journal focused on technological advances, sustainability, and innovative design for the 21st Century.
2012 **Award and scholarship**	**Best Scientific Thesis Award 'Prof. BORGHETTI CARLA'** Organizing authority: Terni's Galileo Galilei High School Ranking: 1st

19/03/2011	International Mathematical Games Championships
Prize	Bocconi University, Italian Semi-Finals and access to the Italian Finals of the 'International Mathematical Games Championships' of 14/05/2011
	Ranking: 2nd
2011	Chemistry Olympics
Prize	Provincial finals
	Ranking: 1st
2010	Mathematics Olympics
Prize	University of Perugia, Pentima
	Ranking: 3rd
18/03/2006	International Mathematical Games Championships
Prize	Bocconi University, Italian Semi-Finals of 'International Mathematical Games Championships'
	Ranking: 2nd
2005	Autumn Mathematical Games
Prize	Bocconi University, Mathematical Games Championships
	Ranking: 1st

CONFERENCES AND SEMINARS

_____

2020-2021	Presentation of the degree program in Building and Architectural Engineering; Coaching activities for freshmen at Sapienza;
10-11/04/2019	Speaker at the conference **"3DMODELING&BIM"**, in Faculty of Architecture "Valle Giulia", La Sapienza University of Rome
17/01/2019	**Speaker** at the conference **"Villa Palma - Study of the building and proposal for recovery"**, held in the main hall of the State Archives of Terni. Additional speakers Prof. Ing. Edoardo Currà, city councillor Michele Rossi.

DECLARATION FORM

I hereby declare that all the details mentioned above are in accordance with the truth and fact as per my knowledge and I hold the responsibility for the correctness of the above-mentioned particulars.

Date: 04/04/2023

Page 9 – CV of
Marco Angelosanti

For more information:
www.cedefop.eu.int/transparency
www.europa.eu.int/comm/education/index_it.html
www.eurescv-search.com