

PERSONAL INFORMATION

Domenico Lucanto



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Sex M | Date of birth 08/01/1992 | Nationality Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input checked="" type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

Nov.2020-in progress

ABITAlab Component for the research project *URGES_Urban Green Shapes*

Funded by ERDF ROP Basilicata 2014-2020 - Partnership: Univ. of Basilicata, Department of European Cultures of the Mediterranean (DiCEM) with ALSIA, Universidad de Sevilla, Departamento de Proyectos Arquitectonicos, University of Ljubljana, Faculty of Architecture, Univ. of Studies of Chieti Pescara - Department of Architecture, Mediterranean Univ. of Reggio Calabria, Department of Architecture and Territory - ABITAlab components: G.Mangano (RTdA), S.Cascone (RTdA), PMopenlab srls

- Collaborator and component of ABITAlab - Field: EU Competitive Research Evaluation Committee Horizon 2020

Mar. 2018 – Jul. 2019

Component of the team for the project *Knowledge vs Climate Change. Community in transition for the southern outskirts of Reggio Calabria*

Punto.Sud, Fondazione per il Sud, EU co-funding CSO-LA/2017/388-137: Evaluation Committee - Call Project "B.Circular, Fight ClimateChange"

- Assistance for Design and Dissemination Activities with the partners ABITAlab, Pensando Meridiano e Reboot con TU/e University, PMopenlab - Activities, agenda, national and international dissemination and outcomes publications www.knowledgevsclimatechange.com – Field: NATIONAL PROJECT_ EUROPEAN co-financing

Mar. 2018 – Jul. 2019

Junior Researcher with PMopenlab for the project *PVC UpCycling - Circular Economy and Zero Waste with the upcycling of waste from the management processes of electrical systems.*

Punto.Sud, Fondazione per il Sud, EU co-funding CSO-LA/2017/388-137: Evaluation Committee - Call Project "B.Circular, Fight ClimateChange"

Environmental and energy accounting of the three laboratory scenarios tested % REDEL; Design for the construction of experimental tests % REDEL

EDUCATION AND TRAINING

- 20 Apr. 2021 – In Progress Abroad Activities for the Doctorate in "Architecture, Theory and Design" – XXXV cycle @ New York Institute of Technologies. *PhD Exchange Program*
- Department of Architecture: Master Health and Design
 Research Field: Up-Cycling Design of Green Responsive Systems, Bioecological interaction for CO2 Reduction in the Built Environment
 Department of Architecture: Master Health and Design
- Department of Architecture: 754 Architectural Design Studio
 Research Field: Liminal Space Studies, Advanced Circular Design applied on the Up-Cycling Design of Green Responsive Systems.
 Department of Architecture: Prototyping Activities
 Research Field: Additive Manufacturing Technologies for Circular Processes. Prototyping Activities for the Upcycling of Green Responsive Systems.
 Supervisor: Prof. Arch. Alessandro Melis
 Tutor: Prof. Arch. Consuelo Nava
 • PhD research (attendance with scholarship)
- 01 Nov. 2019 – In Progress Doctorate in "Architecture, Theory and Design" – XXXV cycle *PhD title*
 Pau department: Department of Heritage, Architecture, Urban Planning
 Research Field: Circular Processes and Enabling Technologies applied on the Up-Cycling Design of Green Responsive Systems.
 Tutor: Prof. Arch. Consuelo Nava
 • PhD research (attendance with scholarship)
- Sept. 2011-Mar. 2018 Architecture Master Degree *U.E. Master degree*
 Degree: 20 Mar. 2018 "Mediterranean" University of Reggio Calabria, Reggio Calabria (Italy)
 Doctor of Architecture - grade: 103/110
 - Thesis: "REACTIVE SKIN: An efficient high-content leather project technology for the redevelopment of building facades in peripheral districts; Speaker: Prof. C. Nava "

WORK ACTIVITIES

- Awards**
- Participant with Attendance Certification, Life Cycle Assessment Hosted by Rete Italiana LCA Online @ Politecnico di Milano. (20-21-22-Sep. 2020)
- Participant by selection of titles and CV for International Academy Trieste Next" @ Trieste Next – Festival della Ricerca Scientifica (22-25 sept. 2020)
- Participant with Attendance Certification of the "PVC Academy" – EcoDesign and Smart Solution for PVC UpCycling. II Edition, Milan (Mar.-Nov. 2019)
- Participant with Attendance Certification, ARDUINO BASIC FOR SENSING WORKSHOP @ Fab Lab Messina. Messina (19-20-21-Feb. 2019)

Editorial activity	Author of contributes, papers and scientific articles.
Invited presentations	11 jun. 2021 - Invited speaker at the International Conference "Carolea Event" at the 17th Venice Biennale, Italian Pavilion, 2021
Patents	/

ADDITIONAL INFORMATION

Publications

total number of publications in peer-review journals: 9 - total Impact Factor (IF) (average IF/paper): ?? - total number of citations: ?? - H index: 0

Lucanto D. (2022). « Advanced Circular Design, a Life Cycle Approach. Methods and Tools for an Eco-Innovative Life Cycle Approach for Buildings Energy and Resource optimization.». Pending Publication, Accepted in *New Metropolitan Perspectives, Smart Innovation, Systems and Technologies*, a cura di C. Bevilacqua, F. Calabrò, e L. Della Spina. Cham: Springer International Publishing.

Lucanto D. Nava C., (2022). « The contribution of Advanced Circular Design to the ecological transition towards Architecture without depletion - The Green Responsive Model and digital experimentation for the upcycling design of the "Liminal space».

Pending Publication, Accepted in *New Metropolitan Perspectives, Smart Innovation, Systems and Technologies*, a cura di C. Bevilacqua, F. Calabrò, e L. Della Spina.

Cham: Springer International Publishing.

Lucanto D. (2021). «Sperimentazioni per il monitoraggio ambientale e facciate cinetiche con Arduino». Collana SID Vol. 3 - Knowledge vs climate change comunità in transizione per la periferia sud di Reggio Calabria. In corso di pubblicazione. Aracne Editrice.

Lucanto Nava C., Lucanto D. (2020). «Eco-Innovative Scenarios for Smart Materials. The PVCupcycling Project – Circular Economy and Zero Waste». Pag. 1458–67 in *New Metropolitan Perspectives, Smart Innovation, Systems and Technologies*, a cura di C. Bevilacqua, F. Calabrò, e L. Della Spina. Cham: Springer International Publishing.

Lucanto D. (2020) *People's Pavilion a Eindhoven, Paesi Bassi. Innovazione nel Progetto circolare di un padiglione polifunzionale* > > n 475 - *Metabolismo urbano e pratiche di riciclo*. Industria delle Costruzioni.

(<http://www.lindustriadellecostruzioni.it/2020/11/475-metabolismo-urbano-e-pratiche-di-riciclo/>).