

PROFESSIONAL PROFILE

- PhD - Curriculum in Environmental Technological Planning at the Department of Planning, Design and Technology of Architecture PDTA Sapienza University of Rome
- Landscape Architect
- BIM Specialist Architecture UNI11337

SKILLS AND COMPETENCES

- Enabling the profession of Architect section. b
- English Language Certification LRN Level 1 Certificate in ESOL International CEF C1
- BIM Specialist Architecture UNI 11337
- ACP Revit Architecture
- ACP Revit Structure
- ACP Revit MEP Electrical
- ACP Revit MEP Mechanical
- Use of GIS software (Qgis)
- Use of Adobe Photoshop, Illustrator, InDesign and QuarkXpress
- I use CAD software and Revit
- I use energy simulation programs getic and environmental micro-comfort (ECOT ECT, ENVIMET, DOCET)
- Excellent Student AY 2016/2017 Sapienza University of Rome Fac. Of Architecture
- Path of Excellence AY 2015/2016 and AY 2016/2017 "The dune systems co stieri" - MA Landscape Architecture
- Path of Excellence AA. 2013/2014 and 2014/2015 "Smart Cities and Smart Building" - L. in Building Process Management - Project Management

LANGUAGES

Italian: Native language

English: c1

Advanced

Marco Giampaolletti

"CV for publication in compliance with Article 15 of Legislative Decree 33/2013"



WORK AND PROFESSIONAL EXPERIENCE

Member of the Rome Sapienza Research Team PRIN2017Sapienza University of Rome - Rome, RM
05/2020 - to date

- Member of the National Research Research Team PRIN 2017 "TECH-START - Key Enabling Technologies and Smart Environment in the Age of Green Economy Convergent innovation in the open space / building system for Climate".

Editorial Editorial Committee memberSapienza University of Rome - Rome, RM
11/2019 - to date

- Necklace TECHNOLOGICAL-ENVIRONMENTAL DESIGN

Member of the University Research Working GroupSapienza University of Rome - Rome, RM
01/2017 - 12/2019

- University research "Resilient Design: design guidelines and technical-implementation strategies for the control of the microclimate and energy quality of the urban environment in Italy".

Professional Training InternshipCRN - ITABC - Montelibretti, RM
10/2018 - 12/2018

- Internship aimed at studying issues related to HBIM (Historical BIM), to which the institution is specialized, in order to increase the knowledge learned in the 2nd level Master. ETD

Member of the Third Party Research Working GroupSapienza University of Rome - Rome, RM
01/2017 - 12/2018

- Third party research "Research activity aimed at enhancing the use of natural and hybrid bioclimatic factors, and optimizing their impact on comfort and energy aspects, as a support for the development of infrastructure and public space projects in cities" (2017 -2018). Client: Italferr Italian State Railways Group.

Member of the University Research Working GroupSapienza University of Rome - Rome, RM
01/2016 - 12/2017

- University Research of Great Scientific Relevance: "Microclimatic Control, Adaptation and Mitigation in the Mediterranean Built Environment, from an Interdisciplinary and Multiscale Approach".

Junior employeePoste Italiane - Rome, RM
06/2018 - 10/2018

- Sorting and shipping parcels on behalf of Amazon

Reception and AssistanceMunicipality of Albano Laziale - Albano Laziale, RM
09/2015 - 02/2016

- The URP, Public Relations Office was created and operates with the aim of improving relations with users, the quality of work by its employees and consequently the improvement of the quality of the service provided.

■ **Tourist Reception** Albano Laziale - Albano Laziale, RM
04/2014 - 08/2015

- The Municipality of Albano Laziale in collaboration with UNITRE, the University of the Three Ages, has promoted the creation of a desk open to the public (Punto Informatico Turistico), for the reception and tourist information service of both a local and territorial nature. The main purpose of the project is to enhance the tourist offer, contributing to the dissemination of information of historical and cultural interest.

■ **Training internship** Architecture Studio of Arch. Ivana Belli - Rome, RM
06/2014 - 10/2014



EDUCATION AND TRAINING

■ **Research Doctor-PhD:excellent with honors**
Sapienza University of Rome-Rome, 04/2022

- Curriculum in Environmental Technological Design

■ **PESFOR-W Training School University of Freiburg**-Freiburg, 10/2020

- Analysis of the cost effectiveness of Woodlands for Water PES

■ **Visiting Research Scientist**

Catholic University of Louvain-Louvain La Neuve, 11/2019

- CA16114 - Rethinking Sustainability Towards a Regenerative Economy COST Action CA16114 RESTORE - "Procedures for conducting POE (Post Occupancy Evaluation) campaigns, methods, protocols and tools for data analysis"

■ **Certificate in Green Building Solutions 7 ECTS**

Boku University, TU Wien, OEAD, AIT Wien-Vienna, 08/2019

- First hand ecological knowledge and engineering expertise from fifteen Austrian universities and research institutes together with six international institutions bundled in a three-week program in the capital of energy efficient building: Vienna.

■ **Passive House Online Training and Package**

Passive House Austria-Vienna, 08/2019

- This course is divided into four sessions and consists of video lectures on various topics related to the PHPP worksheets.
In order to put into practice what you learn, you will work through a case study which follows the steps to creating a complete PHPP file. Information and documents needed to complete the case study steps along with additional resources can be found in the course material download section below.

■ **2nd level University Master-CMU2 ETD:110 cum laude**

Sapienza University of Rome-Rome, 05/2019

- The objective of the Master is high-level training on the issues of environmental technological design - Environmental Technological Design - with particular reference to three main areas of intervention: new buildings / Green Buildings; existing buildings/ Architectural and Urban Requalification; urban open spaces / Green Blue Infrastructure. With reference to the specificities of the three areas, the Master explores the problems, criteria, methodologies and technical tools aimed at simulating and controlling new construction processes (BIM/ Ecotect/ Envimet) and architectural and urban redevelopment, never separated from design of open spaces on the urban scale.

LM in Landscape Architecture:110 cum laude

Sapienza University of Rome-Rome, 10/2017

- The specific educational objectives, within the elements qualifying the class, intend to correspond to the recommendations of the European Landscape Convention (Florence, 2000) (L. n. 14/9.01.2006). They concern the "training of specialists in the field of knowledge and intervention on landscapes" through the activation of "university courses that deal with the values associated with the landscape and with issues concerning its protection, management, planning and design" (Articles 6 B, 8) and of the Cultural Heritage and Landscape Code (art. 132, paragraph 3 - Cooperation between public administrations) in relation to "training and education activities" "in order to disseminate and increase knowledge of the landscape" .

Graduated in GPE - Project Management:110 cum

laude Sapienza University of Rome-Rome, 07/2015

- The construction Project Manager has the skills to be able to operate in all phases of a building process, from identifying the client's needs to satisfying them, becoming a point of reference for all the actors involved in the Planning, Design and Implementation phases and Management of a building work through the use of BIM methodologies and processes. The goal of a Project Manager is to ensure that the client reaches a level of complete satisfaction, in a nutshell he must ensure that the costs, times and agreed quality are respected.

He is a figure in strong development and arises from the need to optimize the allocation of resources and integrate the inputs necessary to achieve the defined objectives.

Revit Bim Specialist course

ArchiBit Generation srl-Rome, 07/2020

- Study, learning and deepening of Revit BIM software (Architecture, MEP, Structure), Dynamo and Fusion 360.
Carried out a 6-month internship at the same facility, with particular attention to the internal BIM, BIM Product and BIM Visualization specifications.

ECDL Basic course 20 hours A-

Sapiens-Rome, 04/2020

BIM Specialist course

A-Sapiens-Rome, 02/2020

- 1st Level Bim Specialist Basic course equal to 45 hours of training
- 2nd Level Advanced Bim Specialist course equal to 30 hours of training
- 3rd Level Bim Specialist Professional course equal to 12 hours of training

Surveyor PNI:85/100

IISA Cederna-Velletri, 07/2011



CERTIFICATIONS

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- BIM Specialist Architecture UNI 11337
- ACP Revit Architecture
- ACP Revit Structure
- ACP Revit MEP Electrical
- ACP Revit MEP Mechanical
- ECDL CAD 2D Certificate
- Certificate of Safety Coordinator in Planning (CSP) and/or Execution



SCIENTIFIC PUBLICATIONS

- 2014 - M. Giampaoletti, "Annibaliano, Libia and Conca d'Oro stations of Metro Line B1", Tecnimont Civil Construction, ABDR Associated Architects, S. Agnese/Annibaliano, 00198 Rome, Italy, 2005-2011, ArchiDiap Portal. (Publication on portal)
- 2015 - M. Giampaoletti, "The "sponsorship" tool for building redevelopment: the case of the Architecture headquarters of the Sapienza University of Rome - Via Gramsci". (Publication on portal)
- 2017 - M. Giampaoletti, J. Ruggiero, D. Stefanelli, F. Traversetti, "A shared garden", in "Architecture and Nature 2017 V Premio Simonetta Bastelli" (edited by Ippolito F.), Rome 2018, pag. 28 ISBN:978-88-6060-801-7. (Architectural, restoration, urban or landscape project)
- 2018 - M. Giampaoletti, "Fallingwater House, 1491 Mill Run Road, Mill Run, PA 15464, United States, 1936-1939 Frank Lloyd Wright", ArchiDiap Portal. (Publication on portal)
- 2019 - M. Giampaoletti (Visit to a foreign university or research body (at least one month)) - Louvain La Neuve, UCL Louvain (BE)
- 2019 - M. Giampaoletti (Visit to a foreign university or research institution (at least one month)) - Vienna, BOKU University (AT)
- 2019 - M. Giampaoletti, "Procedures for conducting POE (Post Occupancy Evaluation) campaigns, methods, protocols and tools for data analysis", COST-RESTORE portal. (Publication on portal)
- 2019 - M. Giampaoletti, "Methodologies, tools and technologies available for POE", COST-RESTORE portal. (Publication on portal)
- 2019 - M. Giampaoletti, "Green Building Solution 2019 - Hands On Wood". (Poster)
- 2020 - M. Giampaoletti, "Quartiere INCIS a Decima Luigi Moretti et al. Viale Camillo Sabatini, 00144 Rome, Italy, 1960-1966", Portale ArchiDiap. (Publication on portal)
- 2020 - Giampaoletti M, Andreucci MB, et al., "Monitoring and Post-Occupancy Evaluation of a regenerative indoor environment" in Lollini, R., Pasut, W., "RESTORE Regenerative technologies for the indoor environment - Inspirational guidelines for practitioners" , Esperia Srl, Bolzano. (Chapter or Article)
- 2020 - Giampaoletti M, Andreucci MB, "Green Building Certification Systems, Indoor Environmental Quality and Post-Occupancy Evaluation Methods: a Critical Review", in Perriccioli, M., Rigillo, M., Ermolli, SR, Tucci, F., " Design in the Digital Age Technology Nature Culture", Maggioli Editore, Santarcangelo di Romagna. (Chapter or Article)
- 2020 - Tucci, F., Cecafosso, V., Giampaoletti, M., "New performance factors of the architectural envelope" in Tucci, F., "Climate Responsive Envelopes", Altralinea Edizioni, Florence. (Chapter or Article)
- 2020 - Tucci, F., Giampaoletti, M., "Contemporary experimentation on chromogenic envelopes" in Tucci, F., Cecafosso, V., Turchetti, G., "Adaptive Resilient Envelopes. Innovation and experimentation in chromogenic and phase change envelopes", Altralinea Edizioni, Florence. (Chapter or Article)
- 2021 - Tucci, F., Cecafosso, V., Giampaoletti, M. "Knowledge, Strategies and Demonstration Projects for the Urban Districts in the North-West Quadrant of Rome / Knowledge, Strategies and Demonstration Projects for the Urban Districts in Rome's Northwestern Quadrant" , in Bologna, R., Losasso, M., Mussinelli, E, Tucci, F., "From urban districts to eco-districts - knowledge methodologies, strategic programmes, pilot projects for climate adaptation", Maggioli Editore. (Chapter or Article)
- 2021 - Tucci, F. , Giampaoletti M., "Green city", in "Ecofuturo magazine", vol. 06/21 Sustainable living beyond the den, Econnection, Rome. (Chapter or Article)
- 2021 - Tucci, F., Cimillo, M., Giampaoletti, M., Ruocco, A., "Emergent Housing - The international framework of experimentation, simulation methodologies", Altralinea Edizioni, Florence. (Book)
- 2022 - Giampaoletti, M. (for publication) Quartiere S. Basilio - Rome (1928-1988), ArchiDiap Portal. (Publication on portal)
- 2022 - Giampaoletti, M., Romano, G., (in publication) "Urban and social evolution of social housing: the case of INCIS Decima and UNRRA Casas San Basilio", in

"Stories of Public Neighborhoods - Projects and experiments to enhance living", ISBN 9788857585307. (Chapter or Article)

2022 - Tucci, F., Altamura, P., Cecafofso, V., Giampaoletti, M. (in publication) "Carbon subtraction and storage in the built environment", in "Project | Essays and Researches", vol.7, Palermo University Press. (Chapter or Article)

2022 - Tucci, F., Giampaoletti, M. (in publication) "Green solutions for the subtraction and storage of carbon in urban districts", in Agathon, vol.11, "Vegetation – Its symbiosis with the built environment", Demetra Ce.Ri.Med. (Chapter or Article)

2022 - Giampaoletti, M. "Carbon neutral" architecture and urban districts Technologies, innovative materials, "green" and gray" solutions for the subtraction, conversion and storage of CO2 towards the climate mitigation and decarbonisation objectives of 2030-2050" . (PhD thesis)