

CV of the Experienced Architect and Researcher



Valentina Pica

*Via Gasparino Caputo, 15
00155, Rome (Italy)*

Emails: valenpica@gmail.com; picaarq@gmail.com

Born 6 June 1981 – Italian citizenship

Website:

<http://www.eea.csic.es/laac/sobre-laac/componentes-laac/valentina-pica/>

*Publication sites: https://www.researchgate.net/profile/Valentina_Pica2.
<https://roma3.academia.edu/ValentinaPica>.*

EDUCATION

- 1999 **High School Diploma in Classical Studies**
Torquato Tasso Institute – Rome, Italy.
- 2001-2004 **Bachelor's degree in Architectural planning**, Italian degree «*Laurea di primo livello in Scienze dell-Architettura*», 110/110 *e lode* (with honours).
University of Roma Tre, School of Architecture.
Thesis title: «Urban planning of a peripheral quarter in Rome».
Level in national or international classification: ISCED 5A.
- 2004-2008 **Master's degree in Architecture**, «*Laurea Specialistica in Restauro*», 110/110 *e lode* (with honours, with special mention for publication).
Principal subjects covered: Building methods in ancient Rome. Architectonic restoration and conservation. History of construction and European techniques in the Modern Age.
University of Roma Tre, School of Architecture.
Thesis title: «Recovering of the Convent outside the walls in *Madrigal de*.
Thesis title: «The Chapel of the Hospital Real in Granada: historical analysis and restoration».
Level in national or international classification: ISCED 5A.
- 2008-2010 **Master's degree in Restoration and Conservation of Cultural Heritage**, 9/10 (outstanding).
Principal subjects covered: digital architectural survey technologies, knowledge to better diagnose building-related deterioration, study of the methods to promote cultural heritage sustainable conservation.
Polytechnic University of Madrid, Higher Technical School of Architecture.
Thesis title: «Recovering of the Convent outside the walls in *Madrigal de las Altas Torres (Ávila)*».
Level in national or international classification: ISCED 5B.
- 2009-2016 **PhD in Restoration and Conservation of Cultural Heritage**, «*summa cum laude*» (with highest honor, with special mention for publication).
Principal subjects covered: architectural surveys, knowledge of the historical development of the domestic architecture in Granada during the early 16th century and throughout the Modern Age.
Polytechnic University of Madrid, Higher Technical School of Architecture.

Dissertation title: «Houses of the Castilian Ruling Class in 16th Century Granada».
Typologies, adaptation and urban context. Conservation criteria».
Level in national or international classification: ISCED 6.

- September 2016 **Permaculture Design Certificate Course (PDC)**. Permaculture Research Institute of Australia (PRI). 72 hours of practice, see: <http://permaculturaitalia.net/eventi/corso-in-design-di-permacultura-72-ore-3/>. Acquired skills: creativity sharing in collaborative projects which integrates land, resources, people and the environment through mutually beneficial synergies – imitating the no waste, closed loop systems seen in diverse natural systems. Research of holistic solutions that are applicable in rural and urban contexts at any scale.
- November 2016 **Approved Coach Specific Training Hours (ACSTH)**. Executive and Personal Professional coaching Course. Accredited by the Coach Federation (ICF), see: <http://www.createrecoaching.com/corso-proceso/corso-de-coaching-online/>. Acquired skills: leadership communication, building personal leadership capacity, building of emotionally intelligent teams.
- December 2016 **Course of Revit BIM 30 hours**. Accredited by CNAPPC, the Italian National Council of Architects, Planners, Landscapers and Curators. <http://www.a-sapiens.it/autodesk/corsi-autodesk/progettazione-bim-con-revit-corso-online-base-moduli-ab/>.
- December 2017 **Postdoctoral Individual Fellowship, Marie Skłodowska Curie- Programme**. HISMACITY-pro research project. Financed by the European Funding Programme Horizon 2020.

SCHOLARSHIPS AND STAYS

- 1 September 2007 - 1 October 2009 **International Thesis Scholarship**. University of Rome Tre. Thesis research conducted entirely in Spain, at the Higher Technical School of Architecture, University of Granada.
- 2 October 2009- 31 October 2013 **Pre-doctoral Research Scholarship**. Spanish National Research Council, «JAE Predoctoral programme». Doctoral research conducted entirely in the School of Arabic Studies (EEA) in Granada.
- 1 November 2013- 31 October 2014 **Pre-doctoral research Internship**. Research collaboration conducted entirely in the School of Arabic Studies in Granada (EEA).
- 1 November 2014- 02 February 2016 **Pre-doctoral collaborative Internship**. Freelance professional collaboration conducted entirely in the School of Arabic Studies (EEA) in Granada.
- 03 February 2016- 14 September 2016 **Postdoctoral Stay**. Freelance collaboration with PhD Antonio Orihuela in the Laboratory of Archaeology and Architecture of the EEA, Granada.
- 03 July 2017- 30 September **Internship Scholarship** at ICCROM. Working in the Priority Area Disaster and Risk Management.
- 01 January 2019- 30 June 2019 **Postdoctoral Secondment**. Collaboration with the Ground Policy Valuation Research Centre (CPSV) of the Polytechnic University of Catalonia (UPC), Spain. Within the postdoctoral Marie Skłodowska-Curie secondment.

PROFESSIONAL EXPERIENCE

- January 2016-
March 2017 **Project architect** collaboration at Geosolark Arquitectura. Director: Jesus Moreno Langarica. Project of the bioclimatic Balneario Hotel of Alcosseber.
- 10 July 2010 **Lecturer** of the course Restauo Architettonico e cultura del patrimonio «Architectural Restoration and Cultural Heritage» (MA level), Department of Architecture, University of Rome Tre. Title of the lecture: «Islamic and Catholic houses in the Mediterranean Basin», in collaboration with PhD Architect Luis José García Pulido (Research Fellow at LAAC, EEA, CSIC).
- 2008-2009 **Research and teaching assistant** of Prof. Javier Gallego Roca's course: «Cultural Heritage Conservation and Restoration». Higher Technical School of Architecture, University of Granada (seminars, conferences, academic support, thesis tutor).
- 2008 **Tutor.** «International Workshop on Architectural Restoration and Urban Conservation» (LIRAU), Baeza, Andalusia, Spain. Held at the International University of Andalusia “Antonio Machado” in the year of 2008 (support for the organisation of study plans, realization of urban planning proposals and evaluation of transfer credits).
- 2008 **Research assistant and architect collaborator** for the realization of the Master Plan for the restoration of the Royal Hospital in Granada; architectural survey and analysis of wooden structure pathologies. Scientific coordinators: PhD Francisco Javier Gallego Roca, Architect Enrique Nuere Matauco.
- April 2007-
may 2008 **Project Architect.** Javier Gallego Roca Studio. Projects of restoration of monuments and historical buildings of the historic center of Granada, Spain.

PUBLICATIONS

Dos experiencias en rehabilitación de casas castellanas en el Albaicín de Granada: Cuesta de las Arremangadas nº 6 y Cuesta del Perro Alta nº 6. In: E-rph, Revista Electrónica de Patrimonio Histórico, n.12, june 2013, Estudios, ISSN: 1988-7213.

Pervivencias andalusíes en casas castellanas del Albaicín de Granada (siglo XVI). Artigrama, n. 28, 2013, pp. 285-312.

La vivienda de raigambre andalusí y castellana como ejemplo de arquitectura doméstica sostenible: análisis de algunas experiencias en su rehabilitación. Proceedings of the Jornadas

Internacionales de Investigación en Construcción, Madrid: Instituto de Ciencias de la Construcción Eduardo Torroja, 21st-22nd November of 2013, ISBN 978-84-7292-422-2.

Estudio diacrónico sobre la Casa de los Tiros de Granada y su transformación moderna. Cuadernos De Arte De La Universidad De Granada, 2013, pp. 5-24.

La casa tradizionale mediterranea con patio e il suo contesto urbano, in collaboration with the PhD Architect Luis José García-Pulido. In: Ricerche di Storia dell'arte. Arti visive, Conservazione e restauro, Carocci ed. n.112, 2014, pp. 53-64.

Comportamento bioclimatico delle abitazioni vernacolari in ambito mediterraneo. Casi di studio, in collaboration with the PhD Architect Luis José García-Pulido. Ricerche di Storia dell'arte. Arti visive, Conservazione e restauro, Carocci ed. n.112, 2014, pp. 65-78.

La casa de Porras. Paradigma de la transformación clasicista de la ciudad de Granada. Granada: Universidad ed., 2015, in collaboration with the PhD Architect Juan Diego López Arquillo, and the Historian Alberto Martín Quirantes.

Traditional Earth Architecture in the Euro-Mediterranean Region. From Conservation to Knowledge for Sustainable Use. Putting Tradition into Practice: Heritage, Place and Design. Proceedings of 5th INTBAU International Annual Event, Springer, 2017.

Certification Protocol for Integrated Interventions “Historical Small Smart Cities”: an Instrument for the Sustainable Regeneration of Minor Historical Centers. Proceedings of the I International Conference “Architettura come Bene Comune. Recuperare benessere e qualità urbana”, CSAC – Centro Studi e Archivio della Comunicazione dell’università di Parma, 4 maggio. Journal of Biourbanism, vol.18, 2018, in press.

Relationship between Urban Morphology and Patio Housing in Mediterranean European Cities during the XV–XVI Centuries. Journal of Biourbanism, #1&2/17, 2018, pp. 75-92.

Beyond the Sendai Framework for Disaster Risk Reduction: Vulnerability Reduction as a Challenge Involving Historical and Traditional Buildings. Buildings, 8(4),50; <https://doi.org/10.3390/buildings8040050>.

Small Historic City Centers of Mediterranean Europe: Critical Points and Potentialities for Environmental Sustainability. In Cultural Landscape in Practice. Conservation vs. Emergencies. Lecture Notes in Civil Engineering book series (LNCE, volume 26), Springer, 2019, pp 229-244.

V. Pica; M. Cerasoli (2019). *Protocol of integrated sustainable interventions for historic small smart cities: the mitigation of disaster risk.* Proceedings of the VI International Conference Heritage 2018, Heritage and Sustainable Development. Green Lines Institute for Sustainable Development: Barcelos, Portugal, 2019, in press. Awarded as best paper by the scientific committee.

Historical Small Smart City Protocol for integrated interventions. A tool supporting a “glocal” strategy for sustainable development. Proceedings of the Conference Urbanpromo, Il

Bisogno di Giustizia nella città che cambia. Istituto Italiano di Urbanistica (INU). Urbanistica, 2019, in press.

V. Pica; A. Cecili; S. Annicchiarico; E. Volkova (2019). *Historical Small Smart City Protocol (HISMACITY): towards an intelligent tool that uses Geo Big Data for the sustainable management of minor historical assets*. Data. Special Issue: Big Data & Smart City Challenges.

V. Pica; M. Canciani; M. Cerasoli (2019). *Historical Small Smart City Protocol of integrated interventions for sustainable regeneration of the small historic centers: a technological planning tool for multiple scenarios*. Proceedings of the IV Technoheritage Conference Science and Technology for the Conservation of Cultural Heritage, Siviglia, marzo 2019, in press.

MOST IMPORTANT CONFERENCE PRESENTATIONS, DISSEMINATION AND TEACHING ACTIVITIES

- 20th june 2013 6th Seminar «*Jueves Mínimos in the Cuesta del Chapiz. Medieval houses, 1*», in the School of Arabic Studies in Granada.
Title of the lecture: «Pervivencias andalusíes en casas castellanas de Granada (siglo XVI)».
- 21st-22nd november 2013 International seminar «**Jornadas Internacionales de Investigación en la Construcción**» of the Eduardo Torroja Institute for Construction Science (Spanish National Research Council) in Madrid (21st- 22nd november 2013). Title of the lecture: «La vivienda de raigambre andalusí y castellana como ejemplo de arquitectura doméstica sostenible: análisis de algunas
- 5 july 2017 Conference speech at the **5th INTBAU International Annual Event**.
- 11th may 2018 Lecture at the course Urban Recovery of Historic Centers held by Prof. Mario Cerasoli, Cycle of Conferences "**Beyond the Historic Centers**". University of Studies of Roma Tre. Rome, Italy.
- 21st september 2018 Speech on the post-doctoral research "HISMACITY-pro" and e-mobility at the Liceo Ettore Maiorana headquarters during the event: "**European Week of Sustainable Mobility Workshop. Mix & Move: the opportunity for multimodal sharing** ", Rome, Italy.
- 7 september 2018 Public speech: "**Historical Small Smart City. Protocollo di interventi integrati, progetto pilota sul Comune di Sutri**". At the II Workshop "**Abitare Morano. Verso una nuova qualità dell'abitare**." Morano Calabro, Italy.
- 12-15 june Conference speech at the **VI National Conference Heritage 2018**, Heritage and Sustainable Development.
- 23 august 2018 Radio collaboration. **Intervention "Communicating Disaster Risk**

Reduction & Science” at the University's official broadcaster for
Foreigners of Perugia, Radiophonica, available on the link:
<http://www.radiophonica.com/podcast/13314>.

20-23 november 2018 Conference speech at **Urbanpromo, Il Bisogno di Giustizia nella città
che cambia**. Istituto Italiano di Urbanistica (INU), Milan.

28 march 2019 Conference speech at the **IV Technoheritage Conference
Science and Technology for the Conservation of Cultural Heritage**,
Seville.

PROFESSIONAL MEMBERSHIPS

2016-present *International Society of Biourbanism*

2006-present *International Network for Traditional Building, Architecture & Urbanism
(INTBAU Italy)*

FOREIGN LANGUAGES

Spanish Proficiency (C2/C2)

I have spent many years of study and research in Spain, from 2009 until 2016.
In 2009 I obtained the Diploma in Spanish DELE (level C2) at the Modern Language Centre in
Granada.

English Advanced (C1/C1)

I have spent several periods studying in English-speaking countries and have obtained the Certificate
in Advanced English (CAE) on june 2016.

COMPUTER SKILLS

Pack Office, Windows 8.1-10, Internet Explorer, Firefox, Outlook Express, CorelDraw Graphic Suite
X3, Adobe Photoshop, Autocad 2011, 3D StudioMax 2011, Basic user of Quark Xpress 7, Adobe
Illustrator CS4, Adobe Dreamweaver CS4, Adobe InDesign CS4, Microsoft Expression Web 2007;
Revt Architecture 2017 for BIM modelling and rendering.

OTHER SKILLS

Proficient in the use of LEICA tools for architectural surveys, as the manual digital laser or the station
TCR707; use of photogrammetric techniques with the software VSD (Video Stereo Digitiser), and of
digital photographic rectifiers as the program ASRix (A Simple Rectifier). Ability to develop work
strategies in managing relationships with private property owners of historic city centers' houses. This
skill was required for the doctoral research financed by the CSIC and was necessary in order to complete
the architectural surveys required. Palaeographic and other historical documents' transcription and
analysis.

