


## PERSONAL INFORMATION



## Stefano Capolongo

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 Replace with type of IM service Facebook, Instagram, Twitter, Skype,

Sex Male | Date of birth [Redacted] | Nationality Italian

## POSITION

Full professor in Public Health, Urban Health and Healthcare Design at Politecnico di Milano  
 Director of the Architecture, Built environment and Construction engineering Dept. at Politecnico di Milano

## WORK EXPERIENCE

01/01/2022– Ongoing

**President**

CNETO (Italian Center for Hospital Building and Design)

- Coordination of research activities
- Scientific dissemination

[Coordination and Management](#)

01/01/2020 – Ongoing

**Director of a university department**

Architecture, Built environment and Construction engineering dept. at Politecnico di Milano, Italy

- Coordination of all the professors, researchers, research fellows, PhD students and administrative staffs of the department
- Coordination of research activities of the department
- Management of the budgets and
- Strategies for improving the visibility and efficiency of the department

[Coordination and Management](#)

15/10/2019 – 10/12/2020

**President of the Strategic Commission**

Golgi Redaelli Institute, Milan, Italy

- Definition of the strategies for improving healthcare performances

[Management of Healthcare facilities](#)

01/12/2019 - ongoing

**Scientific coordinator of Design & Health LAB**

Architecture, Built environment and Construction engineering dept. at Politecnico di Milano, Italy

- Coordination of research activities
- Management of the budgets

[Coordination and Management](#)

01/01/2018 - ongoing

**President of the Urban Public Health Section**

European Public Health Association (EUPHA), the Netherlands

- Coordination of research activities
- Scientific dissemination

[Coordination and Management](#)

01/09/2017 - ongoing

**Coordinator of European chapter**

International Academy for Design and Health (IADH)

- Coordination of research activities
- Scientific dissemination

[Coordination and Management](#)

01/09/2017 - Ongoing

**Full professor**

Architecture, Built environment and Construction engineering dept. at Politecnico di Milano, Italy

- Training activities
- Research projects

Hospital design, Urban health, Building hygiene

01/01/2015 – 31/12/2018

### Coordinator of the research group Hygiene of Built Environment

Italian Society of Hygiene, Preventive Medicine and Public Health (SIIt), Italy

- Training activities
- Research projects

Hospital design, Urban health, Building hygiene

01/01/2012– 31/12/2021

### General Secretariat

CNETO (Italian Center for Hospital Building and Design)

- Coordination of research activities
- Scientific dissemination

Coordination and Management

01/12/2004 – 31/08/2017

### Associate professor

Architecture, Built environment and Construction engineering dept. at Politecnico di Milano, Italy

- Training activities
- Research projects

Hospital design, Urban health, Building hygiene

## EDUCATION AND TRAINING

01/01/1997 – 01/01/2000

### PhD in Public Health

Faculty of Medicine and Surgery, Università degli Studi di Milano, Italy

- Public Health
- Hospital design
- Healthcare organization

01/12/1997 – 01/12/1998

### Master in European Ergonomics

100/100

Politecnico di Milano, Italy

- Ergonomics
- Healthcare design

01/09/1992 – 31/07/1996

### Master Degree in Architecture (D. M. 509/99)

100/100

Politecnico di Milano, Italy

- Architecture and Interior design
- Technology and Building hygiene
- Urbanism and Urban design

## PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Independent user	Independent user	Independent user	Independent user	Independent user
French	Independent user	Independent user	Independent user	Independent user	Independent user

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

#### Communication skills

- Interaction with different stakeholders
- Presentations and lectures in international congresses and lectures
- Interviews for newspapers, live broadcasts, television news and TV program
- Organization of webinars, seminars and international congresses

#### Organisational / managerial skills

- leadership (currently responsible for a team of 12 researchers and director of a dept. of around 450 persons)
- coordination of research projects and business plan
- coordination of an university department
- coordination of an university laboratory
- spokesperson of some research groups and research units of international associations
- coordination of a healthcare organization in the design and management strategies

#### Job-related skills

- coordination of quality control processes
- coordination of research projects
- systematic review and analysis of the literature
- communication of the results of research outcomes
- training activities

#### Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Basic user	Basic user

Good command of Office Suite and Graphic programs

#### Driving licence

B

#### ADDITIONAL INFORMATION

##### Publications

- Buffoli M, Capolongo S, Cattaneo M, Signorelli C. Project, natural lighting and comfort indoor. *Annali di Igiene*. 2007;19(5):429-41.
- Brioschi A, Capolongo S, Buffoli M. Energy and environmental in hospital: evaluation of consumptions and impacts of Health Facilities in Region Lombardia. *Annali di Igiene*. 2010;22(6):563-73.
- **Capolongo S, Battistella A, Buffoli M, Oppio A. Healthy design for sustainable communities. *Annali di Igiene*. 2011;23(1):43-53.**
- Origgi L, Buffoli M, Capolongo S, Signorelli C. Light wellbeing in hospital: research, development and indications. *Annali di Igiene*. 2011;23(1):55-62.
- Capolongo S, Buffoli M, Riva M G, Tognolo C, Oppio A. Hygiene and emergency: considerations and proposals for improving hygiene and health features of Advanced Medical Post. *Annali di Igiene*. 2012;24(5):389-396.
- **Buffoli M, Capolongo S, Loconte V, Signorelli C. Thermovalorization: new technologies, impacts and mitigation strategies. *Annali di Igiene*. 2012;24(2):167-78.**
- Buffoli M, Nachiero D, Capolongo S. Flexible healthcare structures: analysis and evaluation of possible strategies and technologies. *Annali di Igiene*. 2012;24(6):543-552.
- Buffoli M, Capolongo S, Bottero M, Cavagliato E, Speranza S, Volpatti L. Sustainable Healthcare: how to assess and improve healthcare structures' sustainability. *Annali di Igiene*. 2013;25(5):411-8. doi: 10.7416/ai.2013.1942.
- **Capolongo S, Buffoli M, Oppio A, Nachiero D, Barletta MG. Healthy indoor environments: how to assess health performances of construction projects. *Environmental Engineering and Management Journal*. 2013;12(S11): 209-212**
- **Capolongo S, Buffoli M, Oppio A, Rizzitiello S. Measuring hygiene and health performance of buildings: a multidimensional approach. *Annali di Igiene*. 2013;25(2):151-7. doi: 10.7416/ai.2013.1917.**
- Capolongo S, Bellini E, Nachiero D, Rebecchi A, Buffoli M. Soft qualities in healthcare Method and tools for soft qualities design in hospitals' built environments. *Annali di Igiene*. 2014; 26(4):391-9. doi: 10.7416/ai.2014.1998.

- Alfonsi E, Capolongo S, Buffoli M. Evidence based design and healthcare: an unconventional approach to hospital design. *Annali di Igiene*. 2014; 26 (2) :137-43. doi: 10.7416/ai.2014.1968.
- Buffoli M, Bellini E, Bellagarda A, di Noia M, Nickolova M, Capolongo S. Listening to people to cure people: The LpCp – tool, an instrument to evaluate hospital humanization. *Annali di Igiene*. 2014;26(5):447-55. doi: 10.7416/ai.2014.2004.
- Buffoli M, Gola M, Rostagno M, Capolongo S, Nachiero D. Making hospitals healthier: how to improve sustainability in healthcare facilities. *Annali di Igiene*. 2014;26(5):418-25. doi: 10.7416/ai.2014.2001.
- **Capolongo S, Buffoli M, Oppio A, Petronio M. Sustainability and Hygiene of building: future perspectives. *Epidemiologia & Prevenzione*. 2014;38(6): 46-50.**
- **Romano-Spica V, Macini P, Galeone D, Liguori G, Signorelli C, Marensi L, et al. Adapted Physical Activity for the Promotion of Health and the Prevention of Multifactorial Chronic Diseases: the Erice Charter. *Annali di Igiene*. 2015;27(2):406-14. doi: 10.7416/ai.2015.2028.**
- Capolongo S, Bottero M.C, Lettieri E, Buffoli M, Bellagarda A, Biocchi M, et al. Healthcare sustainability challenge. In: Capolongo S, Bottero MC, Buffoli M, Lettieri E. (eds.) *Improving Sustainability During Hospital Design and Operation: A Multidisciplinary Evaluation Tool*. Cham, Switzerland: SpringerBriefs in Applied Sciences and Technology; 2015. p.1-10. doi: 10.1007/978-3-319-14036-0\_1.
- Bottero MC, Buffoli M, Capolongo S, Cavagliato E, di Noia M, Gola M, et al. A multidisciplinary sustainability evaluation system for operative and in-design hospitals. In: Capolongo S, Bottero MC, Buffoli M, Lettieri E. (eds.) *Improving Sustainability During Hospital Design and Operation: A Multidisciplinary Evaluation Tool*. Cham, Switzerland: SpringerBriefs in Applied Sciences and Technology; 2015. p. 31-114. doi: 10.1007/978-3-319-14036-0\_4.
- Del Pero C, Butera FM, Buffoli M, Piegari L, Capolongo S, Fattore M. Feasibility study of a solar photovoltaic adaptable refrigeration kit for remote areas in developing countries.5th International Conference on Clean Electrical Power: Renewable Energy Resources Impact, ICCEP; 2015 Aug; 7177568:701-708. doi:10.1109/ICCEP.2015.7177568
- **D'Alessandro D, Buffoli M, Capasso L, Fara GM, Rebecchi A, Capolongo S. Green areas and public health: improving wellbeing and physical activity in the urban context. *Epidemiologia & Prevenzione*. 2015;39(5): 8-13.**
- Buffoli M, Capolongo S, di Noia M, Gherardi G, Gola M. Healthcare sustainability evaluation systems. In: Capolongo S, Bottero MC, Buffoli M, Lettieri E. (eds.) *Improving Sustainability During Hospital Design and Operation: A Multidisciplinary Evaluation Tool*. Cham, Switzerland: SpringerBriefs in Applied Sciences and Technology; 2015. p.23-30. doi: 10.1007/978-3-319-14036-0\_3.
- Capolongo S, Buffoli M, di Noia M, Gola M, Rostagno M. Current scenario analysis. In: Capolongo S, Bottero MC, Buffoli M, Lettieri E. (eds.) *Improving Sustainability During Hospital Design and Operation: A Multidisciplinary Evaluation Tool*. Cham, Switzerland: SpringerBriefs in Applied Sciences and Technology; 2015. p. 11-22. doi: 10.1007/978-3-319-14036-0\_2.
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- Astley P, Capolongo S, Gola M, Tartaglia A. Operative and design adaptability in healthcare facilities. *Technè*. 2015; 9:162-170. doi: 10.13128/Techne-16118.
- **Capolongo S, Buffoli M, Oppio A. How to assess the effects of urban plans on environment and health. *Territorio*. 2015;73:145-151.**
- Plantamura F, Capolongo S, Oberti I. Built environment and wellbeing in Italian psychiatric wards. *World Hosp Health Serv*. 2015;51(1):36-9.
- **Capasso L, Capolongo S, Faggioli A, Petronio MG, D'Alessandro D. Living in a Semi-basement in the Era of Floods. Italian Laws Cause Inequalities in Health Protection. *Annali di Igiene*. 2015;27(2): 202-4. doi: 10.7416/ai.2015.2038.**
- Capasso L, Capolongo S, Faggioli A, Petronio MG, D'Alessandro D. Do Italian housing regulations and policies protect poor people's health? *Annali di Igiene*. 2015;27(4):688-9. doi: 10.7416/ai.2015.2060.
- Capolongo S, Gola M, di Noia M, Nickolova M, Nachiero D, Rebecchi A, Settimo G, Vittori G, Buffoli M. Social sustainability in healthcare facilities: a rating tool for analyzing and improving social aspects in environments of care. *Ann. Istituto Superiore Sanità*. 2016; 52(1):15-23. doi: 10.4415/ANN\_16\_01\_06.
- **Signorelli C, Capolongo S, Buffoli M, Capasso L, Faggioli A, Moscato U, Oberti I, Petronio MG, D'Alessandro D. Italian Society of Hygiene (SItI) recommendations for a healthy, safe and sustainable housing. *Epidemiologia & Prevenzione*. 2016; 40(3-4):265–270. doi: 10.19191/EP16.3-4.P265.094.**
- Buffoli M, Bellini E, Dell'Ovo M, Gola M, Nachiero D, Rebecchi A, Capolongo S. Humanisation and soft quality in emergency rooms. *Ann. Istituto Superiore Sanità*. 2016; 52(1):40-47. doi: 10.4415/ANN\_16\_01\_09.
- Capolongo S, Buffoli M, Nachiero D, Tognolo C, Zanchi E, Gola M. Open building and flexibility in healthcare: strategies for shaping spaces for social aspects. *Ann. Istituto Superiore Sanità*. 2016; 52(1): 63-69. doi: 10.4415/ANN\_16\_01\_12.
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- **Capolongo S, Lemaire N, Oppio A, Buffoli M, Roue Le Gall A. Action planning for healthy cities: the role of multi-criteria analysis, developed in Italy and France, for assessing health performances in land-use plans and urban development projects. *Epidemiologia & Prevenzione*. 2016; 40(3-4): 257-64. doi: 10.19191/EP16.3-4.P257.093.**
- **Rebecchi A, Boati L, Oppio A, Buffoli M, Capolongo S. Measuring the expected increase in cycling in the city of Milan and evaluating the positive effects on the population's health status: A Community-Based Urban Planning experience. *Annali di Igiene*. 2016; 28(6):381-391. doi: 10.7416/ai.2016.2120.**

- Signorelli C, Odone A, Capolongo C, Buffoli M, Tirani M, Grasso D, Croci E. Maintenance and efficiency of heating systems to reduce air pollution: Evaluation of a community-based campaign to change energy behaviors in an Italian province. *Economics and Policy of Energy and the Environment*. 2020; 3: 89-98. doi: 10.3280/EFE2016-003008.
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- Signorelli C, Odone A, Buffoli M, Capolongo S. Building codes and public health on both sides of the Atlantic. *Journal of Public Health Policy*. 2016; 1-3. doi: 10.1057/s41271-016-0010-7.
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- Capolongo S. Preface: Social aspects and well-being for improving healing processes' effectiveness. *Ann. Istituto Superiore Sanità*. 2016; 52(1): 11-14. doi: 10.4415/ANN\_16\_01\_05.
- D'Alessandro D, Arletti S, Azara A, Buffoli M, Capasso L, Cappuccitti A, Casuccio A, Cecchini A, Costa G, De Martino AM, Dettori M, Di Rosa E, Fara GM, Ferrante M, Giammanco G, Lauria A, Melis G, Moscato U, Oberti I, Patrizio C, Petronio MG, Rebecchi A, Romano Spica V, Settimo G, Signorelli C, Capolongo S, et al. Strategies for Disease Prevention and Health Promotion in Urban Areas: The Erice 50 Charter. *Annali di Iggiene*. 2017; 29(6):481-493. doi:10.7416/ai.2017.2179
- Bonadonna L, Cannarozzi de Grazia M, Capolongo S, Casini B, Cristina ML, Daniele G, D'Alessandro D, De Giglio O, Di Benedetto A, Di Vittorio G, Ferretti E, Frascaola B, La Rosa G, La Sala L, Lopuzzo MG, Lucentini L, Montagna MT, Moscato U, Pasquarella C, Prencipe R, Ricci ML, Romano Spica V, Signorelli C, Veschetti E. Water safety in healthcare facilities. The Vieste Charter. *Annali di Iggiene*. 2017; 29(2): 92-100. doi: 10.7416/ai.2017.2136.
- Mezzoiuso AG, Gola M, Rebecchi A, Riccò M, Capolongo S, Buffoli M, Tirani M, Odone A, Signorelli C. Ambienti confinati e salute: revisione sistematica della letteratura sui rischi legati all'utilizzo dei seminterrati a scopo abitativo. *Acta Biomedica*. 2017; 88(3): 375-382. doi: 10.23750/abm.v%vi%ai.6741.
- Settimo G, Gola M, Mannoni V, De Felice M, Padula G, Mele A, Tolino B, Capolongo S (2017) Assessment of Indoor Air Quality in Inpatient Wards. In: Capolongo S, Settimo G, Gola M. (eds.) *Indoor Air Quality in healthcare facilities*. New York City, USA: Springer Public Health; 2017. p. 107-118. doi: 10.1007/978-3-319-49160-8\_10.
- Capasso L, Campanella F, Costantino C, Gaeta M, Capolongo S, Arpesella M, D'Alessandro D. Knowledge and Training Needs on Built Environment and Indoor Health of Italian Public Health Residents: a National Survey. *Journal of Preventive Medicine and Hygiene*. 2017; 58(2): E195-E199. doi: 10.15167/2421-4248/jpmh2017.58.2.652.
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- Gola M, Signorelli C, Buffoli M, Rebecchi A, Capolongo S. Local health rules and building regulations: a survey on local hygiene and building regulations in Italian municipalities. *Ann. Istituto Superiore di Sanità*. 2017; 53(3): 223-230. doi: 10.4415/ANN\_17\_03\_08.
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- Rebecchi A, Mapelli A, Pirola M, Capolongo S. SNAP House. Temporary residential module for refugees in Europe. *Technè*. 2017; 14: 286-295. doi: 10.13128/Technè-20835.
- Capolongo S, Settimo G. Indoor Air Quality in Healing Environments: Impacts of Physical, Chemical, and Biological Environmental Factors on Users. In: Capolongo S, Settimo G, Gola M. (eds.) *Indoor Air Quality in healthcare facilities*. New York City, USA: Springer Public Health; 2017. p. 1-11. doi: 10.1007/978-3-319-49160-8\_1.
- Capasso L, Faggioli A, Rebecchi A, Capolongo S, Gaeta M, Appolloni L, De Martino A, D'Alessandro D. Hygienic and sanitary aspects in urban planning: Contradiction in national and local urban legislation regarding public health. *Epidemiologia e Prevenzione*. 2018; 42(1): 60-64. doi: 10.19191/EP18.1.P060.016.
- Rebecchi A, Gola M, Lettieri E, Tavecchi G, Brahmochary SK, Capolongo S. Healthcare for all: A new multidisciplinary approach for designing and managing hospital layouts in India. In: Capolongo S, Gola M, Rebecchi A. (eds.) *Healthcare Facilities in Emerging Countries. The Challenge for India*. Cham, Switzerland: SpringerBriefs in Applied Sciences and Technology; 2018. p. 67-87. doi: 10.1007/978-3-319-72398-3\_5.
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- Gandelli E, Quaglini V, Dubini P, Limongelli MP, Capolongo S. Seismic isolation retrofit of hospital buildings with focus on non-structural components. *Ingegneria Sismica*. 2018; 35(4): 20-56.
- Mosca EI, Capolongo S. (2018) Towards a universal design evaluation for assessing the performance of the built environment. In Craddock G, Doran C, McNutt L, Rice D (eds) *Transforming our World Through Design, Diversity and Education: Proceedings of Universal Design and Higher Education in Transformation Congress 2018*. *Studies in Health Technology and Informatics*; 256: 771-779. doi:10.3233/978-1-61499-923-2-771.
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## Research projects

- Participation to the research project "Cognitive survey on the application of Legislative Decree 626/94 in the working areas of biotechnology" promoted by Ministry of Labour and Social Security n. 706, Università La Sapienza di Roma – 2000-2001.
- Participation to the research project "Occupational risks of operating rooms. Evaluation of the efficiency of an alternative system of air conditioning" promoted by Ministry of Labour and Social Security n. 993, Politecnico di Milano – 2000-2001.
- Research project for Young researchers "The sun hospital environmental architecture: methodological approach

- and project lines" – Politecnico di Milano – 2000-2002.
- Participation to the research project "Studies of the risks from repeated effort in relation to work activities on construction sites according to Legislative Decree 494/96" promoted by Ministry of Labour and Social Security n. 1203, Politecnico di Milano – 2001-2003.
  - **Participation to the research project PRIN 2003 "Construction and evaluation of projects' sustainability" promoted by Ministry of Education (prot. 2003083149\_004), Università La Sapienza Roma – 2003-2005.**
  - Coordinator of the research project "Reconfiguration of the Aosta hospital structures and for the definition of the new hospital for Valle D'Aosta" for the Municipality of Aosta, Politecnico di Milano, 2007-2008.
  - Reconfiguration of the Aosta hospital structures and for the definition of the new hospital for the Val D'Aosta
  - Coordinator of the research project "Metaproject of the "Città della Salute" in Torino" for the Municipality of Turin, Politecnico di Milano, 2007-2008.
  - Participation to the research project PRIN 2007 "Development of innovative technological solutions design to support new models of performance and management" promoted by Ministry of Education (prot. 20079ESEL5\_003), Politecnico di Milano – 2007-2009.
  - Coordinator of the research project "Sustainable Planning of Hospitals in Urban Areas" - Alta Scuola Politecnica – IV cycle - 2008-2009.
  - Coordinator of the research project "Signage and Furniture Project for Sant'Anna in Como" for ASST Sant'Anna in Como, Politecnico di Milano – 2009-2010.
  - Coordinator of the research project "Signage and Wayfinding Project for the New Hospital of Legnano" for Nuovo Ospedale Civile di Legnano in Legnano, Politecnico di Milano – 2009-2010.
  - Coordinator of the research project "Signage and Furniture Project for Papa Giovanni XXIII hospital in Bergamo" for ASST Papa Giovanni XXIII in Bergamo, Politecnico di Milano – 2009-2013.
  - Participation to the research project PRIN 2007 "Flexibility in Hospitals" promoted by Ministry of Education (prot. 20094PHYCR\_001), Politecnico di Milano – 2009-2011.
  - Coordinator of the research project "New Dialysis ward for the San Paolo hospital in Milan" for Azienda Ospedaliera San Paolo in Milan, Politecnico di Milano, 2010-2011.
  - Coordinator of the research project "Furniture abacus" for Infrastrutture Lombarde SpA and Regione Lombardia, Politecnico di Milano – 2011-2012.
  - Coordinator of the research project "Sustainable High Quality Healthcare" - Alta Scuola Politecnica - VII cycle - 2011-2012.
  - Coordinator of the research project "Signage and Furniture Project for the New Extension of San Gerardo hospital in Monza" for ASST San Gerardo in Monza, Politecnico di Milano – 2014-2015.
  - **Coordinator of the research project "archiTHERMability: Strategies for new identities of thermal spaces" for FORST (Fondazione per la Ricerca Scientifica Termale), Politecnico di Milano – 2015-2016.**
  - Coordinator of the research project "HOS.T: Hospital Open Space & Technology" - Alta Scuola Politecnica - XI cycle - 2015-2016.
  - Research unit manager of Politecnico di Milano for the research project "Support service for the quality improvement program of accredited public and private healthcare facilities of the regional health system" for Regione Lombardia with Regione Lombardia, Ernest Young, Fondazione Politecnico di Milano e Fondazione Politecnico di Milano - 2016-2018.
  - Research unit manager of Politecnico di Milano for the research project CCM15 "Identification of good practices and health performance targets in terms of sustainability and eco-compatibility of buildings and/or building renovations for supporting the building hygiene regulations" with Università La Sapienza di Roma, Politecnico di Milano, ASL Roma, ASL Empoli – 2016-2018.
  - **Coordinator of the research project "Assessment tool on the PreSST - Community Health Centers - localization" for the Municipality of Vercate (Italy), Politecnico di Milano – 2016-2018.**
  - Coordinator of the research project "Open Building for Future Healthcare Environments" - Alta Scuola Politecnica - XIII cycle - 2017-2018.
  - Coordinator of the research project "Opinion on the state of the completed works and the related construction and management costs for the new constructions and technological innovations of Microcitemico and A. Businco hospitals in Cagliari", Siemens and Fondazione Politecnico di Milano, 2017-2018
  - **Research unit manager of Politecnico di Milano for the research project CCM17 "Urban health and health promotion in an urban environment. Development of a tool for the improvement of the urban environment" with Regione Lombardia, ATS Bergamo - Dipartimento di Igiene e Prevenzione Sanitaria, Politecnico di Milano, ASL TO3- SCaDU Servizio Sovra-zonale di Epidemiologia, AUSL Toscana Nordovest, ASL Taranto - Dipartimento di Prevenzione – 2017-2020.**
  - Coordinator of the research project for the performances of the non-sanitary furniture of two hospitals in Iraq – Proger, Politecnico di Milano – 2018.
  - Coordinator of the research project for functional and spatial reorganization of IEO Centro Cardiologico Monzino, Politecnico di Milano – 2018.
  - Coordinator of the research project for the reorganization of the functional areas of Istituto per la Sicurezza Sociale della Repubblica di San Marino, Politecnico di Milano – 2018-ongoing.
  - Coordinator of the research project "Indoor chemical pollutants" – Fondazione Politecnico di Milano – 2018-2019.
  - Coordinator of the research project for the reorganization of the functional areas of IRCCS Azienda Ospedaliera Universitaria "San Martino" – Politecnico di Milano - 2018-2019.
  - Coordinator of the research project for the reorganization of the functional areas of Istituto Neurologico Carlo Besta Milano, Politecnico di Milano – 2019-2021.
  - **Research unit manager of the research project by Fondazione Banca del Monte di Lombardia (FBML) entitled "Green Areas & Infrastructures and Public Health outcomes", Politecnico di Milano, 2019-2021**
  - **Research unit manager of the research project EIT Urban Mobility 2020 "Safely Connected: Sustainable Common Accessibility of Lively Downtowns for Healthy People" granted by EIT Urban Mobility "For**

- more liveable urban spaces, CO-VID-19 crisis response". DABC Politecnico di Milano (IT), Fondazione Politecnico di Milano (IT), City Of Saint Germain-En-Laye (FR), Cap Sgl (FR) – 2020.
- Research unit manager of the research project INTERREG (Italy-Switzerland) "MANAGEMENT and coordination of emergencies and catastrophes without borders"
- Coordinator of the research project "SPES. Sport is Society. Social regeneration, health promotion and urban inclusion, through the reactivation of the sports infrastructure system of the Milanese oratories", Polisocial Award 2019, Politecnico di Milano – 2020-2021
- Coordinator of the research project for the definition of the technical-economic feasibility design of the CMM project for Città Metropolitana di Milano, Politecnico di Milano – 2022.
- Research unit manager of the research project by Fondazione Cariplo "Data Science for science and society - 2020" entitled "Enhancing healthcare and well-being through the potential of big data: an integration of survey, administrative, and open data to assess health risk in the City of Milan with data science", Politecnico di Milano, 2022-ongoing.

## Conferences and Seminars

- Program chair of the international congress "Flexibility Hospital Planning" promoted by Politecnico di Milano – 01/06/2010
- Program chair of the international congress "Sustainability in Healthcare: Hospital Planning" promoted by Politecnico di Milano – 10/06/2011
- Program chair of the international congress "Innovative Design for Healthcare" promoted by Politecnico di Milano – 25/05/2012
- Program chair of the international congress "Waste in healthcare. Social, environmental and economic strategies for efficiency in healthcare" promoted by Politecnico di Milano - 05/06/2013
- Program chair of the seminar "Complex Constructions: Infrastructure Health Equipment" promoted by Politecnico di Milano - 29/05/2014
- Program chair of the international congress "Smart Hospital: social, environmental and economic aspects for innovation in the hospital project" promoted by Politecnico di Milano - 18/09/2014
- Program chair of preconference "Healing Architecture: designing innovations in architectures for health" promoted by European Public Health Association, VIII Congress in Milan, 14/10/2015
- Program chair of preconference "Health City: strategies to improve health promotion in urban areas" promoted by Società Italiana di Igiene e Medicina Preventiva, XXXVIII Congress in Milan, 14/10/2015
- Program chair of the seminar "Healthcare for All: the Challenge of India" promoted by Fondazione Politecnico di Milano, 20/11/2015
- Program chair of the seminar "Indoor Air Quality: assessment of indoor air quality in hospital environments" promoted by Istituto Superiore di Sanità and Politecnico di Milano, 10/03/2016
- Organization and Program committee of the Seminar "Healthcare Design: experiences, recommendations and case studies - 2016" in Bologna, EXPOSANITA', promoted by Centro Nazionale per l'Edilizia e la Tecnica Ospedaliera – 19/05/2016
- Program chair of preconference "Mental Health and Architecture 2016" promoted by European Public Health Association, IX Congress in Wien, 09/11/2016
- Program chair of preconference "Mental Health and Architecture 2017" promoted by European Public Health Association, X Congress in Stockholm, 01/11/2017
- Program chair of the seminar "Design for all. Comparing principles, strategies and architectures" promoted by Politecnico di Milano - 09/03/2018
- Organization and Program committee of the Seminar "Healthcare Design: experiences, recommendations and case studies - 2016" in Bologna, EXPOSANITA', promoted by Centro Nazionale per l'Edilizia e la Tecnica Ospedaliera and Società Italiana dell'Architettura e dell'Ingegneria per la Sanità – 19/04/2018
- Program chair of preconference "Mental Health and Architecture. Healing Buildings, Building Healing / Mental health across the life-course" promoted by European Public Health Association, XI Congress in Ljubljana, 20/11/2018
- Program chair of workshop "Architecture and Urban Context's Design Strategies to Promote City Users' Healthy Behaviours" promoted by European Public Health Association, XI Congress in Ljubljana, 20/11/2018
- Program chair of the European Symposium "European Symposium for Global perspectives and local identities in healthcare architecture" promoted by International Academy for Design and Health, at Politecnico di Milano – 28-31/03/2019
- Program chair of the Seminar "The strategic role of the plant project in hospital structures: strategies to prevent Legionella risk" at Politecnico di Milano – 28/06/2019
- Organization and Program committee of the congress "Giving value to health From curative medicine to proactive medicine New structures and integrated systems for health" in Camogli, promoted by Centro Nazionale per l'Edilizia e la Tecnica Ospedaliera - 1-2/12/2019
- Program chair of the Seminar "Training the hospital planner: experiences and results of the ten editions of masters in "Planning, programming and design of hospital and social-health systems"" at Politecnico di Milano – 31/01/2020
- Program chair of the Seminar "Design & Health at the time of COVID19: strategic projects of hospitals in Lombardy" in webinar, promoted by Accademia Lombarda di Sanità Pubblica, Politecnico di Milano, Centro Nazionale per l'Edilizia e la Tecnica Ospedaliera – 26/05/2020

## Honours and awards

- Winner of the PoliSocial Award of Fondazione Politecnico di Milano - 2012

- Winner of the competition "MeratemenTRE" for Merate (Italy) - 2012
- Winner of the Competition for the design of new headquarter for Italian Red Cross of Scandiano (RE, Italy) – 2014
- Honours as Successful project "SustHealth" of Alta Scuola Politecnica - 2015
- Winner of the Best Student Research Project section of the International Academy of Design and Health - 2017
- Winner of the PoliSocial Award of Politecnico di Milano - 2019
- Winner of the CNETO Award – Best research of Centro Nazionale per l'Edilizia e la Tecnica Ospedaliera - 2019

## Memberships

- Coordinator of the Cluster Design of health facilities of Politecnico di Milano
- Coordinator of the Lab Design & Health of Department ABC of Politecnico di Milano
- President of the Urban Public Health Section of European Public Health Association (EUPHA)
- Coordinator of European chapter of the International Academy for Design and Health (IADH)
- General Secretariat of CNETO (Italian Center for Hospital Building and Design)
- Coordinator of the research group Hygiene of Built Environment of SItI (Italian Society of Hygiene, Preventive Medicine and Public Health) for the two-year periods 2015-2016 and 2017-2018
- Founding member of ALSP (Lombard Academy of Public Health)
- Founding member of Foundation Action for Health Institute

## Courses

- Final Studio C - Health and Sustainability for Built Environment (a.y. 2018-2019, 2019-2020, 2020-2021, 2021-2022, 2022-2023) – AIUC School, Politecnico di Milano
- Architectural Design Studio III – Building hygiene (a.y. 2016-2017, 2017-2018, 2018-2019, 2019-2020) – AIUC School, Politecnico di Milano
- Social Architecture (a.y. 2015-2016, 2016-2017, 2017-2018, 2018-2019, 2019-2020, 2020-2021, 2021-2022, 2022-2023) – AIUC School, Politecnico di Milano
- Building hygiene and Sustainability (a.y. 2015-2016, 2016-2017; 2017-2018) – AIUC School, Politecnico di Milano
- Final Design Studio – Building hygiene (a.y. 2015-2016, 2016-2017, 2017-2018) – AIUC School, Politecnico di Milano
- Building hygiene and Sustainability (a.y. 2015-2016, 2016-2017, 2017-2018) – AIUC School, Politecnico di Milano
- Building Technology Studio - Technologies for Construction and Environmental Hygiene (a.y. 2015-2016, 2016-2017, 2017-2018) – AIUC School, Politecnico di Milano
- Building Technology Studio - Technologies for Construction and Environmental Hygiene (a.y. 2015-2016, 2016-2017) – AIUC School, Politecnico di Milano

In addition, several courses postgraduate School of Hygiene and Preventive Medicine at Università degli Studi di Milano (from 2006), at Università degli Studi di Parma (from 2004 to 2017), and Università Vita-Salute San Raffaele (from 2018) and Università degli Studi di Pavia (2021).

*I authorize the processing of data pursuant to GDPR 2016/679 of 27 April 2016 (European Regulation relating to the protection of individuals with regard to the processing of personal data).*