



CURRICULUM VITAE

Prof.ssa Ilaria Oberti

Architect, Phd graduate in Technical Innovation and Design in Architecture, Associate Professor in Technology of Architecture, reporting to the Architecture, Built Environment and Construction Engineering Department (DABC), at the Politecnico di Milano.

Teaching activities: Architectural Technology (ICAR 12).

Topic issues of the **research activity** are: sustainable buildings, indoor environmental quality (IEQ), indoor air quality (IAQ) and building design, building materials and their impact on indoor environment and on human health, ergonomics of built environment.

She has taken part to research programs promoted and sponsored by:

- MIUR-Ministry of University and Research (main programs: "Building products evaluation in relation to their potential noxivity", "Criteria and method to evaluate the ecofriendly buildings materials"),
- Ministry of Environment ("Sino-Italian Ecological and Energy efficient Building at the Tsinghua University of Beijing"),
- CNR-National Research Council ("Evaluation of building design procedures and monitoring activities of buildings without indoor air pollution problems"),
- Ministry of Economic Development ("INNOVANCE: Product/process innovation for the energy efficiency and the sustainable development of the buildings"),
- ENEA-Italian National Agency for the New Technologies, Energy and Sustainable Economic Development ("Green Public Procurement Criteria for windows"),
- Government of Lombardy Region ("Guidelines for sustainable social housing"; "Smart Living"),
- other private and public organization.

Since 1995, she has presented papers at major **international conferences** on IAQ-IEQ topics and sustainable buildings (Indoor Air, Healthy Buildings, World Sustainable Building, International Ergonomis Association, CIB, CISBAT, IAQVEC).

She was a **member of the technical-scientific committee** of the Ministry of Health with the aim to develop proposals for legislative action on pollution "indoor" (Group "Materials"), of the Working Group UNI-GL 13 "Eco-friendly Building", of the Mirror Committee ISO/TC59/SC17 "Building construction/Sustainability in building construction", of the Working Group for the definition of environmental criteria for Green Public Procurement (GPP) for the building materials, established by the Ministry of Environment. In Green Building Council-Italia is a member of the Scientific Committee-IQ (Indoor Environmental Quality) and MR (Material and Resources).

Scientific Responsible of the Indoor Quality Lab (unit of the Laboratorio Unico dABC)
www.abclab.polimi.it/indoorqualitylab

Since 1997, she is member of the Lombardy Freelance Journalist Guild. She has published more than 170 **technical and scientific publications** relating to the research topics.

Main publications (books):

1. 2014, *Prodotti edilizi per edifici ecocompatibili. Uno strumento per orientare la scelta (Building products for eco-friendly buildings. A tool for the choice)*, Maggioli, Rimini, pp. 209, ISBN: 9788891602091
2. 2011, *L'isolamento termico dell'edificio. Dal materiale alla messa in opera del prodotto (Thermal insulation of the building. From the material to the application)*, Maggioli, Rimini, pp. 245, ISBN: 9788838759864
3. 2011, *Il benessere acustico nell'edificio. Dai prodotti alle soluzioni tecnologiche (Acoustic comfort in the building. From the products to the technological solutions)*, Maggioli, Rimini, pp. 223, ISBN: 9788838768471
4. 2007, (with S. Capolongo, L. Daglio), *Edificio, Salute, Ambiente. Tecnologie sostenibili per l'igiene edilizia e ambientale (Building, Health, Environment. Sustainable technologies for building and environmental hygiene)* Hoepli, Milano, pp. 274 ISBN 9788820338572

Selected publications (articles, contributions in books):

- 2019, "I luoghi dell'apprendimento", pp.17-33; "Respirare", pp.159-172. In Poletti L. (edit by), *Interpretare e progettare. La riqualificazione partecipata degli spazi scolastici*, Maggioli, Rimini, ISBN 9788891632371
- 2019, "Ergonomic Quality in Green Building Protocols", pp.496-503. In *Ergonomics and Human Factors in Manufacturing, Agriculture, Building and Construction, Sustainable Development and Mining*, ISBN 9783319960685
- 2018, "Building acoustic design: the role of materials and systems", pp.58-61. In *Sustainable Mediterranean Construction*, ISSN 2420-8213 vol. 7
- 2017, "Environmentally Friendly and Low-Emissivity Construction Materials and Furniture", pp.73-81. In *Indoor Air Quality in Healthcare Facilities*, SPRINGERBRIEFS IN PUBLIC HEALTH, ISBN: 9783-319-49159-2
- 2017, "Il ruolo dei prodotti edilizi nella riduzione degli impatti ambientali", pp.209-219. In *Le utilità dell'inutile. Economia circolare e strategie di riciclo dei rifiuti pre-consumo per il settore edilizio*, Maggioli, Rimini, ISBN:9788891615084
- 2015, "Building products and indoor air quality: the user demand and the market supply", pp.271-276. In *Procedia environmental science, engineering and management* vol. vol. 2 (issue 4)
- 2014, "Healthy indoor air for all", pp. 65-75. In Steffan I.T. (edited by), *Design for all – The project for everyone*, Second Part, Maggioli, Rimini, ISBN 9788891604217 (e-book)
- 2013, "Building products: beyond ostensible sustainability", pp.217-222. In *Proceedings of CISBAT 2013* - ISBN:978-2-8399-1280-8