

Davide Del Curto

Professor of Conservation of Architecture

Politecnico di Milano, Dept. of Architecture and Urban Studies

(a) Appointments at Politecnico di Milano

2023 - Full professor
2017 - 2023 Associate professor
2013 - 2015 Visiting professor at Uppsala University
2012 - 2016 Assistant professor
2005 - 2012 Research assistant
2002 - 2005 PhD Preservation of architectural heritage
1995 - 2001 MSc Architecture

(b) Research topics

Preventive conservation, indoor climate, museums
Sustainability and preservation / Green conservation
Preservation of 20th-century architecture



(c) Websites

[polimi - personal page](http://polimi-personal-page)
[google scholar](http://google-scholar)
[sustainable heritage - book series](http://sustainable-heritage-book-series)
www.keeping-isa-modern.com
www.musecodeisanatori.com
www.tashkentmodernism.uz

(d) Languages

Italian mother tongue. English fluent. French basic

(e) Teaching Subjects

Architectural Preservation Studio (M.sc)
Museology, art and restoration criticism (M.sc)
Preserving 20th-century architecture (Graduate School)

(f) Mentoring

Post-graduate School: 5 students graduated by 2022
MSc: 60 students graduated by 2023

(g) Restoration projects for listed buildings (selection)

- 2023 National Museum of Arts, Tashkent (20th c.). Guidelines for preservation (façade), with E. Golovatyuk
- 2016 Cavallegero Palace, Sabbioneta (16th c.). Restoration design (1.0 M€)*
- 2015 Visconti Castle and farmhouse, Binasco (16th c.). Restoration design (3.9 M€)
- 2014 Cascina Rosa farmhouse, Milano (17th c.). Restoration design, with G. Menini (2.0 M€)
- 2013 Museum of TB sanatoriums, Sondalo (20th c.). Restoration and museum setup, with G. Menini (1.0 M€)
- 2010 Basilica of Sant'Andrea, Mantua (16-18th c.). Preservation design (interior), with A. Grimoldi (3.5 M€)*
- 2006 La Rinascente department store, Milano (20th c.). Restoration design (façade), with A. Griletto (1.5M€)

(h) Conservation plans, guidelines (selection)

- 2022 Diotti Palace of Milan Italy (17thc.). Guidelines for preservation and seismic protection
- 2022 Modernist city heritage of Tashkent, Uzbekistan (20th c.). Conservation management plan
- 2021 National art Schools of Havana, Cuba (20th c.). Conservation management plan
- 2019 University “Collegi”, Urbino, Italy (20th c.). Conservation management plan**
- 2016 Sabbioneta city walls, Italy (16th c.). Guidelines for urban preservation*
- 2013 Roman amphitheater “Arena” of Verona, Italy (1st c.). Guidelines for conservation, task moisture***
- 2011 Villa Reale of Milan, Italy (18th C). Guidelines for preventive conservation, task indoor climate

UNESCO WHS *Mantua-Sabbioneta, **City of Urbino, ***City of Verona

(i) Synergistic Activities

- 2020- Co-founder of SoLINanoΣ - Solid-Liquid Interface Nanomicroscopy and Σpectroscopy interdepartmental laboratory at Polimi
- 2018- Member of the scientific committee of Società Economica Valtellinese
- 2018- Member of the scientific committee of FAI, the National Trust of Italy for the project “Italia sopra i 1000 metri”
- 2018- corresponding editor for “ArchAlp” architectural review
- 2017- Referee for the scientific reviews in the field of heritage conservation: “Sustainability”, “Journal of Cultural Heritage Management and Sustainable Development”, “Materiali e Strutture”, “Esempi di Architettura”
- 2015- Scientific advisor of Assorestauro, the Italian Association for Architectural, Artistic and Urban Restoration
- 2017- Director of the editorial series "Sustainable heritage", Mimesis publisher
- 2014- Co-founder of CECH - Climate and Energy for Cultural Heritage interdepartmental laboratory at Polimi

(j) Fellowships and Awards

- 2018 Special award “Ancient and new”. Il restauro è morto? Viva il restauro! Contemporary issues in building conservation. Literary award “La Calcina - John Ruskin”, I edition
- 2016 Mention for the project “Bovisa connection. Tasselli urbani per scenari resilienti” (with A. Arcidiacono and others). Call for ideas “Un parco per la ricerca e il lavoro a Bovisa Gasometri”. Politecnico di Milano / Comune di Milano
- 2015 Gold Medal. Restoration design of the former gatehouse of the sanatorium village in Sondalo, (with G. Menini). International Award “DOMUS Restoration and Conservation”, V Edition
- 2015- member of the Italian Society for the Restoration of Architecture
- 2006 Highly commended entry. “WI.S.P.HER - WIreless Sensors for the Preservation of HERitage” (with F. Raimondi, University College London). SENTINENT FUTURE COMPETITION – Embedded WiSeNts Coordination Action / Deutsche Telekom Laboratories of the Deutsche Telekom AG.

(k) Patents

- 2016 D. Del Curto, L. Valisi, A. Luciani, System and method for detecting an environmental quantity and mapping its distribution in an environment, patent n. 102016000051840, 19 May 2016
- 2016 D. Del Curto, L. Valisi, A. Luciani, D. Camuffo, A. Parravicini, C. Bertolin, Electronic device for detecting an environmental quantity, patent n. 202016000051842, 19 May 2016

(l) Exhibitions

- 2023 [Tashkent modernism. Index](#)
Triennale di Milano 17 – 23 April 2023, National Museum of Arts, Tashkent 18 - 19 November 2023
Curator: Ekaterina Golovatyok, Photographer: Armin Linke
- 2019 [Broken Nature, XXII Triennale di Milano](#)
Triennale di Milano 1 March – 1 Sept. 2019
Curator: Paola Antonelli. Cuba's pavillon co-curators: Jorge Fernandez
- 2017 50 anni a Sabbioneta (1967-2017)
Palazzo Forti, Sabbioneta 23 – 24 May 2017
- 2011 [Il Bel Paese si specchia nel Lario](#)
Varenna (LC), Villa Monastero, Varenna 14 May 2011
Curator: Legambiente Lario Orientale, with E. Guglielmi, University of Florence

(m) Publications (selection of 113)

2 monographs, 11 books edited and co-edited with other scholars, 38 book chapters, 29 papers in national and international journals, and 32 conference proceedings.

BOOKS

1. Borgarino M. P., Bazzoli N., Del Curto D., Mazzolani M., Sansonetti A., Troisi A. (2019) **I Collegi di Giancarlo De Carlo a Urbino. Piano di Conservazione**. Mimesis, Sesto San Giovanni (9788857558028). A copy of this book is available at the Library of Congress: [lcn.loc.gov/2020399259](#)
2. Del Curto D. (2010) **Il sanatorio alpino. Architetture per la cura della tubercolosi dall'Europa alla Valtellina**. Aracne, Roma (9788854833890). A copy of this book is available at the Library of Congress: [lcn.loc.gov/2011399606](#)

BOOK CHAPTERS

3. Del Curto D., Borgarino M.P. (2023) **The Conservation Management Plan for Twentieth-Century Architecture**. *Conserving 20th-Century Architecture*. Springer, Cham (978-3-031-16351-7, 978-3-031-16352-4), pp. 3- 16
4. Borgarino M.P., Del Curto D. (2023) **Enlarging the Boundaries of a UNESCO WHS Towards the Recent Past. The Work by Giancarlo De Carlo in Urbino**. *Conserving 20th-Century Architecture*. Springer, Cham (978-3-031-16351-7, 978-3-031-16352-4), pp. 217-224
5. Del Curto D. (2023) **Keeping It Sustainable. The Energy Efficiency of Twentieth-Century Architecture**. *Conserving 20th-Century Architecture*. Springer, Cham (978-3-031-16351-7, 978-3-031-16352-4), pp. 185-216
6. Del Curto D. (2022) **Prima e dopo il restauro. Il clima interno della Basilica di Sant'Andrea a Mantova**. *Clima negli edifici di culto. Metodi, misura e progetto*. MIM edizioni, Sesto San Giovanni (9788857587714), pp. 61-82. A copy of this book is available at the Library of Congress: [lcn.loc.gov/2021441669](#)
7. Del Curto D. (2021) **Fotografia, patrimonio, paesaggio. Tra inventario e raffronto** *Ricerche e fotografia di paesaggio in Lombardia. Indagini sulle fragilità territoriali*. Silvana Editoriale, Cinisello Balsamo (9788836646418), pp. 42-49
8. Del Curto D. (2021) **Imparare dalla pandemia. Insegnare restauro dell'architettura in tempo di Covid-19**. *Il giuramento di Vitruvio. Spunti e riflessioni per la didattica nel Restauro*. Edizioni Quasar, Roma (9788854912267), pp. 103-114
9. Del Curto D. (2018) **Gli insediamenti tradizionali delle Alpi. Il passato è ancora utile?** *Gli insediamenti tradizionali delle Alpi. Conservazione e riuso*. Mimesis, Milano - Udine (9788857548302), pp. 9-19
10. Del Curto D. (2017) **Il valore di una città fortificata sito Unesco. Conservazione, gestione e valorizzazione attraverso il XX secolo | Assessing the values of a Unesco fortified town. Preservation, management, valorisation through the twentieth century**. *La Baia di Napoli. Strategie integrate per la conservazione e la fruizione del paesaggio culturale*. Artstudiopaparo, Napoli (9788899130688), pp. 337-340

11. Del Curto D. (2017) **Il restauro è morto? Viva il restauro! Contemporary issues in building conservation.** RICerca/REStauero. Società Scientifica Italia per il Restauro dell'Architettura / Edizioni Quasar, Roma (9788871407647), pp. 75-81
12. Del Curto D. (2017) **The disenchanted mountain's Heritage. Protection and reuse of sanatoriums in the Alps.** Architecture in the Alps. Heritage and design. Mimesis, Milano – Udine (9788857542522), pp. 138-163
13. Del Curto D. (2016) **Alpi e Architettura. Patrimonio, progetto, sviluppo locale.** Alpi e Architettura. Patrimonio, progetto, sviluppo locale. Mimesis Edizioni, Milano – Udine (9788857536545), pp. 9-14
14. Del Curto D. (2016) **Competenza e responsabilità per il patrimonio industriale.** La Manifattura di Legnano. Storia e progetti di riuso. Bruno Mondadori, Milano (9788867741380), pp. 118-129
15. Del Curto D., Legnér M., Balksten K. (2015) **Valorization and management of the built heritage of fortified towns: the cases of the UNESCO World Heritage Sites of Sabbioneta, Italy, and Visby, Sweden.** Visby ringmur – kulturarv som rasar och återuppbyggs. FoU-publikation från Riksantikvarieämbetet, Stockholm (9789172097063), pp. 211-220
16. Del Curto D. (2013) **Restauro, conservazione preventiva ed efficienza energetica. Il sistema Temperierung in Italia.** Efficienza energetica e patrimonio costruito. La sfida del miglioramento delle prestazioni nell'edilizia storica. Maggioli Editore, Santarcangelo di Romagna (9788838762604), pp. 309-323
17. Del Curto D. (2011) **Materials and Techniques of the Pre-Industrial Building Sites of Cremona: an exercise in architectural archaeology on the façade of Palazzo Magio Grasselli.** Patricians, notables, construction of the city. Building and preservation of Palazzo Magio Grasselli in Cremona. Umberto Allemandi, Torino (9788842221388), pp. 153-172
18. Del Curto D. (2007) **Dalla Trostburg a Mantova. Applicazione del Raumbuch per lo studio di complessi architettonici.** Naturwissenschaft und Denkmalpflege. Innsbruck, University Press, (9788836610297), pp. 79-90

JOURNAL PAPERS

19. Del Curto D., Garzulino A., Menini G., Schiesaro C. (2022) **Sustainable Conservation and Management of a 20th-Century Landscape in the Alps: The Former Sanatorium Village of Sondalo.** SUSTAINABILITY vol. 14, issue 12, pp. 1-22. DOI: 10.3390/su14127424
20. Del Curto D. (2022) **Dal mito dell'efficienza all'obiettivo della transizione energetica. Una sfida per gli edifici storici.** TERRITORIO 97-Supplemento, pp. 113-118. DOI: 10.3280/tr2021-097-Supplementooa12934
21. Del Curto D., Celli S. (2021) **The Treachery of Images: Redefining the Structural System of Havana's National Art Schools.** SUSTAINABILITY vol. 13, issue 7, pp. 3767- 3801. DOI: 10.3390/su13073767
22. Del Curto D., Cinieri V. (2020) **Aerogel-Based Plasters and Energy Efficiency of Historic Buildings. Literature Review and Guidelines for Manufacturing Specimens Destined for Thermal Tests.** SUSTAINABILITY, pp. vol. 12, issue 22, pp. 9457-01-22. DOI: 10.3390/su12229457
23. Del Curto D., Stanga C. (2019) **When preservation meets a 20th-century building with curtain wall.** ARCHISTOR 12, pp. 252-285. DOI: 10.14633/AHR140
24. Luciani A., Del Curto D. (2018) **Towards a resilient perspective in building conservation.** Journal of Cultural Heritage Management and Sustainable Development, Vol. 8, Issue: 3, pp. 309-320. DOI: 10.1108/JCHMSD-07-2016-0040
25. Del Curto D., Griletto A. (2009) **Un restauro a Milano a fianco del Duomo. Le facciate dei magazzini laRinascente.** ANANKE 56, pp. 138-149