

Fabrizio Leoni, M Arch PhD, Cagliari (Italy), 1965

>Scientific curriculum

April 2022

Fabrizio Leoni, M Arch PhD, Cagliari (Italy), 1965
>Scientific curriculum

Current position (since July 1st, 2008) at
 Dipartimento di Architettura e Studi Urbani_Politecnico di Milano:
**Ricercatore a tempo indeterminato in Composizione
 Architettonica e Urbana/Researcher and Adjunct Professor**

Education

1998 - 2002

PhD in Architectural and Urban Design

Dipartimento di progettazione dell'architettura, Politecnico di Milano

Thesis title: "*Scenari and reagenti. Verso un'offerta di spazio aperto*", on the multilevel interaction among urban landscapes, infrastructure and architecture artifacts.

Supervisor: Prof. Remo Dorigati

1994 - 1996

Master of Architecture at SCI-Arc, Southern California Institute of Architecture, Los Angeles, USA.

Thesis title: "*Customization, Hybrids and Senses. Behaviors and Spaces in the digital age*", on the relationship between physical space and synthetic space as generated by the implementation of computer technologies of networking onto working spaces, applied on derelict buildings in Los Angeles.

Supervisor: Prof. Keith Downey

1992 - 1993

Certificat d'Etudes Approfondis en Architecture CEAA, Theories et projets de l'architecture, Ecole d'architecture Paris- Villemin in Paris, France.

Thesis title: "*Plis et architecture, Deleuze, Eisenman et alentours*", on adjacencies and transfer concepts from the philosophical debate into the architectural discourse in the 1980s.

Supervisor: Prof. Christian Girard.

1989 - 1990

Erasmus Programme at Faculdade de Arquitectura of the Universidade Técnica de Lisboa, Portugal. Design studio with Prof. João Luis Carrilho da Graça.

1986 - 1991

Laurea in Architettura (five years degree) at Politecnico di Milano.

Thesis prepared at Ecole Polytechnique Fédérale de Lausanne, Switzerland; title: "*Riconfigurazione del quartiere storico del Rôtillon a Losanna*", on the urban renewal of the historical fabric and reuse of obsolete buildings.

Supervisors: Professors Gonçalo Byrne, Cesare Blasi.

Language Skills

Italian: native
English: fluent
Spanish: fluent
French: highly proficient
Portuguese: very good command
Catalan: oral and written comprehension

Scientific activities and research

Theoretical and applied research, themes, exchanges with other institutions of education and research, programs and dissemination.

Teaching activity

Other activities at PoliMi

Professional activity

List of main publications

a) Scientific activities and research

The scientific work has been carried out both within the Department of Architecture and Urban Studies of Politecnico di Milano (former DIAP), as a member of the research Unit *AIP Architettura Infrastrutture Paesaggio*, and outside of it, with special emphasis on the international dimension of the theoretical and applied research.

Blending conceptual research + teaching + applied research + dissemination (publications + intense lecturing) into a coherent whole.

Main lines of research:

- Interaction amongst Architecture/Infrastructure/Landscape > density, uses, functions and design of the system of open (public) spaces; new urban land use patterns and their influence on Urban Morphology.

- Formation and evolution of concepts, tools and proliferative diagrams, adjacencies, metaphors and nomadisms useful for foundational discourses guiding contemporary advanced design. Design procedures, cognitive processes, pedagogical strategies, trans- disciplinary collaborations.
- Emerging patterns in Hospitality>New directions in hotel design, leisure, evolving and innovative temporary residential or domestic typologies, exhibit, sport and related programs. Tourism as a disruptive industry both in its positive and negative terms

The a.1) line of research, mainly anchored on the relations between Architecture/ Infrastructure/ Landscape, it is rooted in the doctoral phase (PhD thesis "Scenari e reagenti. Verso un'offerta di spazio aperto") and it is pursued primarily operating within the frame of the Research Unit *AIP Architettura, Infrastrutture, Paesaggio*,

<https://www.dastu.polimi.it/aip-architettura-infrastruttura-paesaggio/>

Director: Fabrizio Leoni (formerly, Professors Raffaello Cecchi, Vincenza Lima)

The main a.1) research programs are:

_Cooperlink 2010, 2011_MIUR_Italian Ministry of University and Research
International cooperation program with Universitas Indonesia, Jakarta.

Benefiting from the 2010 Cooperlink Ministry of University and Research Cooperation Programme Grant -aimed at building relevant scientific partnerships with major foreign institution- as well as from Internationalization Funds of the PolIMI and of the Diap Department, along with funds by the Italian Culture Center of Jakarta.

Department of Architecture and Planning (Head Professor Patrizia Gabellini), Massimo Bricocoli, Fabrizio Leoni (DiAP) and Marco Imperadori, Gabriele Masera, (Best). Within that frame Fabrizio Leoni has engaged on an intensive program of common work on architecture/ infrastructure/ landscape applied on the city of Jakarta, with the local Department of Architecture, School of Engineering (director Professor Kurniawan Kemas Ridwan).

Oriented to reach a Bilateral Arrangement and enhance further collaboration by a MOU between PolIMI and UI on research, teaching programs, double degrees, exchanges and capability building initiatives.

Within such a frame, a Joint Master Studio was held on the topics of Heritage, recycling, fragility, flooding hazard, water management, applied on the Sunda Kelapa portion of Old

Batavia, the historical colonian core of North Jakarta, with further actions of dissemination and public discussion both in Jakarta and in Milan.

_Cooperlink 2012, 2013

The program qualifies as the development and follow up of activities already undertaken with the Universitas Indonesia (UI) in the framework of previously signed and funded agreement of the Cooperlink 2010.

Within that frame, a Joint Master Studio was held on the topics of reclamation areas, new facilities for leisure, hyper density, megamalls.

_An Adaptable Sponge: a New Urbanity in Jakarta

A group of fellow researchers and professors, undergraduate and graduate students, in combination with counterparts from Universitas Indonesia, led a comparison with direct operational morphological, landscape, settlements and infrastructures issues of the Indonesian metropolis.

The research, summarized by the title "An Adaptable Sponge: a New Urbanity in Jakarta", was aimed at defining speculative approaches and design guidelines for the urban environment and public spaces in a central area of Jakarta megacity subject to strong estate development pressure, advanced environmental degradation and frequent flooding.

Findings of such activities are featured in the collective volume:

Diane Wildsmith, Edited by, "*Urban Intervention: Centuries of Exchange Ideas, Technology & Development*", 2012, published by Department of Architecture Universitas Indonesia, printed in Jakarta, ISBN 978-979-97217-7-8, with funding from Istituto Italiano di Cultura, Jakarta.

_Changing metropolitan space: new approaches to open space and urban agriculture" within the frame of ANCB The Aedes Metropolitan Laboratory, Berlin. (2011 - 2016)

This line of research, conducted with a small group of colleagues of the Department of Architecture and Urban Studies, Professors Andrea Rolando and Corinna Morandi, investigates the emergence of land uses triggered by the spatial impacts of agriculture, leisure, water management and recreational green areas, as extensively mapped in the Berlin Region. The investigation digs deeply on landscape issues and focuses on mapping, reading and re-designing low density urban/rural environment.

Along a five years extension (2011 - 2016), such activities have so far produced:

- a series of annual seminars revolving around the concepts, practices and strategies associated with these themes, held in Milan.
- international seminars and hands-on workshops and studies of the dynamics of planning, design and management of public space in the Berlin Region, held at the ANCB Aedes Campus, a Public Urban Platform for collective observation and discussion around critical issues facing the city.

Dissemination of the findings is contained in the collective volume "*The Metropolitan Laboratory*", Volume One *Education: Trial and Error*, ISBN 9783944083032, edited by Aedes Campus directors Hans-Jürgen Commerell and Kristin Feireiss; and the still unpublished survey "Learning from Berlin" edited by Corinna Morandi, Andrea Rolando, Fabrizio Leoni.

_Construyendo un mundo de movilidad sostenible / Constructing a world of sustainable mobility. Program of International Research on the relationship between mobility infrastructure and landscape, 2009 - 2012_DIAP, Politecnico di Milano, in partnership with the Universitat Internacional de Catalunya, Barcelona and Barcelona Fundació Abertis – Unfunded

Despite the program finally failed to be funded by Catalan multinational Abertis, a number of studies were carried out about the interaction between infrastructure of mobility and their territorial contexts, by Fabrizio Leoni and Professor Ignasi

Perez Arnal within the Escola Tecnica Superior d'Arquitectura_Universitat Internacional de Catalunya and Elisava, Escola Superior de Disseny i Enginyeria de Barcelona, Universitat Pompeu Fabra, Barcelona.

A preparatory phase of such a research and some results of it are included in the collective catalogue edited by ESARQ UIC and Delft University of Technology Hyperbody Research Group, *BCN Speed and Friction, The Catalunya circuit city*, LUMEN inc/ SITES BOOKS, 2004, Santa Fe (USA). ISBN 0-930829-53-0

Those issues were parallelly translated into a more direct design experimentations onto multiscale programs of urban design and open space. Examples of this implementation are some design schemes, competitions and built projects on public space –currently unpublished- developed by Fabrizio Leoni for the Public Administration in the provinces of Barcelona, Tarragona and Girona in Catalonia, Spain.

Dissemination activities of topics about a.1) line of research are also contained in the following publications:

_Leoni F. (2019), *Paesaggi Operativi. Gerarchie e relazioni tra gli oggetti nel progetto di spazio aperto su finire del Novecento*, LIST Lab. ISBN: 9788832080278

_Leoni F (2018), *Materie, Densità, Margini. Caratteri dello spazio aperto a Matera*, in: (a cura di): Guya Bertelli, *Paesaggi Fragili. Recycle Italy*, pages. 119-129, Aracne Editrice, Roma. ISBN 978-88-548-9083-1

_Leoni F (2018), *Excavations, Topographies, and Diagrams of Open Space*, in: (a cura di): Lorenzo degli Esposti, *MCM. Milan Capital of the Modern*, pages. 437-439, Actar, New York Publishers. ISBN: 978-1945150-70-8

_Leoni, Fabrizio (2017), *Singapore, matrice ambientale e iperdensità*, in: F. Leoni. (a cura di): G.Vitali, *Architetture e Interni urbani. Singapore*, p. 7, RCS MediaGroup, Milano. ISBN: 9772035843167

_F.Leoni (2011), *Infrastructures. Cities on the Move*, in C3, vol. 325, pages. 64-127. ISSN: 2092-5190

_F.Leoni (2011). Editoriale *Un paesaggio dell'infrastruttura*, ARCH+, vol. 10, p. 6

and in conferences and seminars delivered in recent years; selected

interventions:

_“My portfolio”, within the cycle Setmana de l'Arquitectura, Roca gallery, Barcelona, May 2018

_“A Possible role of Architecture and Urban Design in smart cities development”, Niš, Serbia, Kreni Konferencija Kreativnih industrija Niš, November 2017

_Conferencia Magistral_within the Programa Lider Academico,
Auditorio Campus Guadalajara, Tecnologico de Monterrey, January
2016

_“Scavi, Topografie, Spazi Aperti”_Padiglione Italia, Grattacielo Pirelli, Milan, July
2015

_“Cocoa Cluster Public Space”_International Participants Meeting, Milan 2013,
Bergamo 2014, Milan 2015

_“Enabling the public space: forms and design procedures”_Universitas Indonesia,
School of Engineering, Jakarta, April 2013

_Program of Lectures and Workshops at Elisava, Escola Superior de Disseny the
Enginyeria de Barcelona, Universidad Pompeu Fabra_Universidad, with Puerto Rico
Río Piedras Abroad Program in Barcelona_Barcelona, June 2011

_“Emerging Urban Patterns”_Universitas Indonesia, School of Engineering,
Jakarta, March 2011

_“Infraestructuras y Paisaje en Barcelona, Espacio y calidad publica urbana”,
Barcelona Lectures_Elisava, Escola Superior de Disseny i Enginyeria de Barcelona,
Universidad Pompeu Fabra_Universidad, Puerto Rico Río Piedras Abroad Program
in Barcelona_July 2010

_“Changing scenarios in Barcelona contemporary urbanism”, in Post-Oil Cities
International Waw Architecture Workshop, Nau Ivanow, Barcelona, November
2008

_“Towards an ecological approach in contemporary urbanism. Drifting away from
the city brand” private conference for the delegation of the Jeju Island
Government, South Korea, at CCCB Centre de Cultura Contemporania de
Barcelona, Barcelona, August 2007

-“Architecture and Infrastructure: Research Scenarios”, within the workshop
“Possibilities of the concept of Sustainability in Architecture and Urban Planning
Education Curriculum”, “Asia Link” program with Hanoi University, Politecnico di
Milano, Universidad Politecnica de Catalunya , ETSAB – UPC, Barcelona, October
2006

_“Laboratorio Italia_2° Festival di Architettura_Sezione Nuovi Laici”, Parma,
September 2005.

_Mostra lavori dei laboratori della Facolta' di Architettura e Societa', a cura di
Cecchi R., Consalez L., Leoni F, Lima V., Rocca A., et al, Biennale di Architettura,
Venice 2004

_“Barcelona_Sviluppo Urbano / City-mark”, within PhD programme in Projects
and Urban Policies, Politecnico di Milano, May 2003

_“Paesaggi Espositivi: spazi urbani emergenti” Keynote Speech of the exhibition
“Alvaro Siza_il Museo di Arte Contemporanea di Santiago de Compostela”,
Facolta' di Ingegneria, Universita' di Cagliari, Italy, October 2003

The a.2) line of interest, rooted in previous experiences at the pre-doctoral studies at the Ecole d'Architecture Paris-Villemin and at the Southern California Institute of Architecture in Los Angeles, is aimed to investigate the origin and disciplinary incidence of a manifold of keywords in the development of design approaches to Architecture and Urban Design. Formation and evolution of concepts, tools and proliferative diagrams, adjacencies, metaphors and nomadisms useful for foundational discourses guiding contemporary advanced design. Design procedures, cognitive processes, pedagogical strategies. Along with the potential effect of cross- and trans-disciplinary concepts and procedures.

The main a.2) research programs are:

ELOP/POLE 2011 - 2016 as responsible for *Scuola di Architettura, Urbanistica e Ingegneria delle Costruzioni* (former *Scuola di Architettura e Società*) in ELOP/POLE, a platform initiated by the Bern University of Applied Sciences (Professors Christoph Holliger and Peter Bölsterli) and composed by the universities of Bangor (UK), Stanford (USA), Bern and Geneva (Switzerland), Cologne and Weimar (Germany), Tecnológico de Monterrey (Mexico), Marseille (France), Politecnico di Milano (Italy). ELOP/POLE works with students, faculty, external practitioners and consultants from an international network of such partner universities (elope alliance). Internationally composed and multidisciplinary teams from architecture, urban planning, social sciences, building technologies, civil engineering, construction and process management, co-operate in real world trans- disciplinary projects along with public administration and the private sector, by promoting and executing sequences of participatory processes on both advanced and fragile urban environments selected among the local stakeholders claims.

Fabrizio Leoni took part in the following list of programs:

2011_Elop 4 Bern (CH)_"7x24x52 Water and Ice", a paradigm shift in the understanding of high standard sports and leisure infrastructures

2012_Elop 5 Cologne (D)_"Learning Environments Campus Cologne" a focus on innovative concepts for future sustainable learning and teaching environments

2013_Elop 6 Palo Alto (USA)_"Crossroads/Crossfunctions" a Palo Alto high speed train/civic center new hub

2014_Elop 7 Finhaut (CH)_"Alpine Mutations" a hospitality driven renaissance of an alpine swiss valley

2015_Elop 8 Queretaro (MEX)_"Fringe conditions", tackling edge conditions and public space and infrastructure

2016_Elop 9 Bangor (UK)_"Coherent Connections", a transformation of the built and social environment of a welsh town, driven by developments in Autonomous Transport.

Findings of these investigations and projects were extensively discussed in local exhibits and open seminars held by each organizing institutions and later formally disseminated in the collective book *Transforming Education by Transdisciplinary Collaboration* edited by Christoph Holliger, University of Applied Sciences Northwestern Switzerland, POLE, 2016, ISBN 978-3-03305872-9.

Out of that book, F.Leoni, "*The Value of Metaphors in Architectural Design*", pages 33-40

Erasmus Intensive Programme *Structural Architectures - Geometry, Code and Design*, Kaiserslautern 2012 - 2013

A European Program funded, aimed to promote emerging and innovative learning trans- disciplinary patterns. An intense schedule of seminars, lectures, inspiring site trips and a design workshop involving experts, faculty and students from the partner universities of Universidad CEU San Pablo, Madrid (Spain), Eidgenössische Technische Hochschule Zürich (Switzerland), Politecnico di Milano (Italy), Technische Universität Kaiserslautern (Germany).

Research findings were shown on 4 exhibits and seminars held in Kaiserslautern, Milan, Madrid, Zurich and compared and discussed on a collective book, "*A Hermit's Cabin*", edited by Cornelia Leopold, Andreas Kretzer, Mayka Garcia-

Hípola, Covadonga Lorenzo Cueva, Luigi Cocchiarella, Fabrizio Leoni, Benjamin Dillenburger, Hua Hao, Technische Universität Kaiserslautern, Germany, 2013- ISBN 978-3-943995-18-3,
Out of that, F. Leoni essay "*Strata_codes_events towards a parametric approach*", pages 26-29

Alta Scuola Politecnica 2008 - 2012

A faculty member of the fifth and seventh cycle of *Alta Scuola Politecnica*, an advanced educational program focusing on trans-disciplinary applied research projects, mixing professors, consultants, practitioners, leading firms principals, and high performing students from the wide array of Schools of Architecture, Planning, Engineering and Design of Turin and Milan Polytechnics.

In these various levels are conveyed and properly audited results of the research and teaching activities, with the goal of establishing a virtuous circle and a significant mutual feedback between activities of research and activities of education.

..

V Cycle Alta Scuola Politecnica (2008 - 2010); title of the project of the Working Group: *EXP -HOST Great events and hospitality. Milan Expo 2015 and Turin Italy 150 :new concepts and formats of hospitality for new populations.*

VII Cycle Alta Scuola Politecnica (2009 - 2011); title of the project of the Working Group: *E-Scape_New, tools and new opportunities for the localization of Expo 2015 general interest services along the Canale Cavour, the backbone of the Milan-Turin urban region,*

dedicated to the study of infrastructure and Scenarios for the territorial corridor Milan- Turin

Results of this academic applied research based on cross-disciplinary modes can be found in the collective volumes dedicated to Alta Scuola Politecnica cycles:

Multidisciplinarity and innovation. ASP projects 5. Polipress. Sesto Ulteriano, Milano. 2011. ISBN 978-88-7398-071-1

Multidisciplinarity and innovation. ASP projects 7. Polipress. Sesto Ulteriano, Milano. 2013. ISBN 978 88 7398 0766

The contents of these a.2) reflections are also the subject of a short series of publications and lectures under the umbrella of "Adjacencies, Metaphores and Nomadisms. Origins and development of key words of contemporary design".

>A first of them is Leoni F. (2013), *Adiacenze, Metafore e Nomadismi. Note su alcuni concetti operativi del progetto contemporaneo in Navigare sulla carta Bianca. Cinque idee di città e di Architettura*, edited by Lorenzo Consalez, Pierluigi Salvadeo, Lettera 22, Siracusa, 2013

>A second one is the aforementioned Leoni F. (2013), "*Strata-Codes-Events, towards a parametric approach*", in the collective book *A Hermit's Cabin*.

>A third one is the aforementioned Leoni F. (2016), "*The Value of Metaphors in Architectural Design*", in the collective book *Transforming Education by*

Transdisciplinary Collaboration edited by Christoph Holliger.

>A forth one is the lecture "Fabrizio Leoni. Adiacenze, metafore e nomadismi", held on December 2012 within the Doctoral Program cycle *Colloqui di architettura, Incontri sui temi della Composizione architettonica e urbana*, Politecnico di Milano.

The a.3) line of interest is devoted to the *Emerging patterns in Hospitality*_New directions in hotel design, leisure, evolving and innovative temporary residential or domestic typologies, exhibit, sport and related programs. Tourism as a disruptive industry both in its positive and negative terms

As many industrial activities, Tourism, with its integrated offer of a multidimensional program, is classifiable today as a disruptive industry. Disruptive in its polarized negative/positive double meaning of "causing troubles and therefore stopping something from continuing as usual" and "changing the traditional way that an industry operates, especially in a new and effective way". Physical consequences of the implementation of its spatial requests are immediately visible wherever such seasonal or permanent activities take place. A rapid and fairly unpredictable change of its main conventional patterns, ranging from exhibition to mere leisure and from healthcare to sport entertainment, makes the whole culture of Hospitality responsible for a consistent shift, back and forth, from a service/product targeting exclusivity for affluent classes to a systemic dimension of a socially inclusive offer: a phenomenon calling for frequent updates and a consequent high grade of spatial obsolescence of its dedicated buildings and landscapes.

In such a context, research programs tackle either ephemeral buildings/temporary sites or abandoned, derelict structures, frequently calling for a re-cycling strategical use (revamp, renovation, renewal, retrofitting) over an often fragile and unprotected array of spots of urban and/or natural environment. Mutual contamination between teaching and

design research appear as a crucial point when the architectural project is framed as the result of a "drawn theory" or, *vice versa*, when the findings of a real project can help to identify a consistent theory, or, at least, a consolidated design methodology. As the very nature of the sequence of actions we formally call "architectural project" is inherently a trans- or a cross-disciplinary process, investigation involves a multiplicity of interactions out of isolated bodies of knowledge, from geometry to sociology. from building physics to landscape and beyond. The threshold between academia, applied research and professional consultancy is the fertile field where all this contamination process is likely to emerge.

The main design research programs at such a frontier are:

_Cocoa Cluster_Expo Milan 2015

Under a rectoral mandate, Fabrizio Leoni has guided, as a professor responsible for its workgroup (with Tecnòlogico de Monterrey and Supsi Lugano), the international workshop on the preliminary design of the Cluster of Cocoa for the Milan Expo 2015 site, which results were presented to the delegations of the participating countries at the 2nd International Participants Meeting_(Milan, September-October 2012)

During the period 2013 to 2015 such Preliminary schemes have been further developed by Fabrizio Leoni and his team into a Definitive project and consequently discussed and exhibited at institutional venues as Grattacielo Pirelli/Regione Lombardia, Bergamo International Expo Participants, Università degli Studi/Salone del Mobile di Milano and others.

The Cocoa Cluster has successively been constructed according to his drawings and schemes in a collaborative agreement with Fiera Milano, Expo Milan 2015 Technical Board, Expo Lab Università Cattolica di Milano (prof Cocconcelli).

_CCH Capo Ceraso Hub (2012 - 2015) and **Sky Court Leisure Center** (2015 - 2016) explore the transition between theoretical speculation, teaching themes in university Design Studios and potentially direct applications into the applied research realm. Developed between 2012 and 2016, they both deal with the functional and spatial re-use of buildings and landscapes left abandoned by the disruptive action of mass tourism onto environmentally fragile areas, concerning two island sites prompted by complex functional programs pivoting around a mix of leisure, hospitality, retail and exhibition, in Sardinia (Italy) and in the tropical island of Sanya (China).

_He has also been a contributor, with a set of proposals for Rubattino Military area (exhibited at Triennale di Milano) of **Ri-formare Milano** 2013 to 2016 >*Re-forming Milan. Design experiments for neglected spaces and building*, an educational and research initiative promoted by the School of Architecture and Society of the Milan Polytechnic in collaboration with the Milan Municipality Department of Urban Planning, aimed to raise awareness on obsolete and derelict areas and buildings of the local urban fabric and foster a public debate on their reuse.

Comparative studies of these applied researches are contained in:

_Leoni F. (2019), *Leisure | Hospitality | Exhibition. Three projects at the frontier of teaching, researching and professional design*, LIST Lab.
ISBN: 9788832080285

_a Poster exhibited at *RCA2018 The International Conference. Research culture in architecture*, held at Faculty of Architecture, TU Kaiserslautern, (Germany), September 2018; *title: Leisure/ Hospitality/ Exhibition_Three mixed-use projects for Milan, Olbia, Sanya, at the frontier of teaching, researching and professional design*

_a Paper presented at IFAU 2018, 2nd international forum on architecture and urbanism, Pescara (Italy), November 2018: title: *Pumping new blood into obsolete buildings in fragile territories> Leisure & Hospitality: two mixed-use projects for Olbia (Italy) and Sanya (China), at the frontier of teaching, researching and professional design.*

_Leoni F. (2017), *Scenari progettuali per l'area Rubattino a Milano*, pp.196-199, in *Ri- formare Milano. Progetti per aree ed edifici in stato di abbandono*, a cura di Barbara Coppetti, pages 196-199, Pearson Italia, Milano ISBN: 9788867741670

_Irene Guzman, *Lo scheletro di un albergo rinasce, come "mixed use". Un complesso alberghiero abbandonato, a Capo Ceraso nel golfo di Olbia. Ecco come l'architetto Fabrizio Leoni ne ha progettato il riuso*_Abitare, Milano, ed online, July 2015. ISSN 9-770001-321008.

_Sara Banti, *Villages of Good Nutrition. I villaggi della buona alimentazione*, Abitare, 541, Jan-Feb 2015. ISSN 9-770001-321008

_Leoni Fabrizio (2014). *Cocoa Cluster Concept*, in (a cura di): Matteo Vercelloni, *Cluster Pavilions. Expo Milano 2015*. p. 46-55, Milano, Arnoldo Mondadori Editore, ISBN: 9788804645849.

_Leoni F., Cardenas., Cesare V. (2015). *Cocoa and chocolate pavilions*, in Future Arquitecturas, n 47/48. *Expo Milano 2015. The Legacy of Worlds Exhibitions*, Madrid, ISSN 9-771885-822001

Conferences and writings on outcomes of Hospitality research are also:

_Leisure/ Hospitality/ Exhibition_Three mixed-use projects for Milan, Olbia, Sanya, at the frontier of teaching, researching and professional design. Poster exhibited at RCA2018 The International Conference_research culture in architecture, held at Faculty of Architecture, TU Kaiserslautern, Germany, 2018

_Emerging Patterns of Hospitality. Researching and teaching perspectives, Tecnologico de Monterrey, Escuela de Arquitectura, Campus Guadalajara, January 2016

_Turismo e spazio urbano: scenari evolutivi_Ghetto degli ebrei, Cagliari, October 2015

_Mixed-use Hospitality in Sardinia_International Congress on Hotel Management and Real Estate perspectives, Venice, February 2013.

The aforementioned activity *EXP -HOST Great events and hospitality. Milan Expo 2015 and Turin Italy 150: new concepts and formats of hospitality for new populations*, held within the frame of V Cycle Alta Scuola Politecnica (2008 - 2010) which results are visible in the volume *Multidisciplinarity and innovation*. ASP projects 5. Polipress. Sesto Ulteriano, Milano, 2011, ISBN 978-88-7398-071-1.

The Construction of Architecture. The experience of Fabrizio Leoni, Open Lecture, Politecnico di Milano, June 2010, curated by Andrea Tartaglia

Barcelona. Emerging Trends in Hospitality, within the framework of the *International Seminar on Innovation in urban right budget hospitality. The scenery of Milan Expo 2015*, curated by Corinna Morandi, Andrea Rolando, Politecnico di Milano, November 2010

Fabrizio Leoni, New Interventions in the city of Cagliari, Lecture, and subsequent round table with Minsuk Cho and Benedetta Tagliabue, Festival Architettura (director Stefano Boeri), Cagliari July 2008

"Arquitecturas Sostenibles" Universitat Rovira i Virgili, Tarragona, Spain_within the Lectures Series dedicated to low environmental impact building practices_October 2006

Laboratorio Architettura Italia 2005: Genealogie, professione e ricerca, nuovi laici, Exhibition of young italian architects, Parma, 2005

*Abitare la Musica*_Multimedia exhibit on traditional sardinian music instruments, edited by Fabrizio Leoni, Olindo Merone, Cagliari, Castello San Michele, 2004

The editorial text Leoni F. (2004), *La legge salvacoste in Sardegna: dalla mentalità estrattiva al turismo sostenibile*. D'A D'ARCHITETTURA, vol. 25, p. 46-49, ISSN: 1720- 0342

(2005 – 2007)

Member of the Editorial Board of architectural italian magazine D'Architettura

(2014 – 2018)

Member of the Editorial Board of international korean architectural magazine C3

a) Teaching Activities

As stated above, most of the topics investigated in the aforementioned theoretical and applied researches are deeply imprisoned in the syllabuses of his courses taught at the *Scuola di Architettura, Urbanistica e Ingegneria delle Costruzioni* of Politecnico di Milano (formerly *Scuola di Architettura e Società*) and at the mentioned architecture schools outside Italy.

Since 2004 -in continuity with his previous activity (since 1996) as a teaching assistant or co-teacher- he has been intensively in charge of both Architecture and Urban Design Studios and theoretical courses within the various years of bachelor and master degrees in the *Scuola di Architettura, Urbanistica e Ingegneria delle Costruzioni* of Politecnico di Milano (formerly *Scuola di Architettura e Società*).

Particular mention should be made of the following courses, always ran as a head of Studio

2019 to present_Workshop of Thesis (Design for Tourism)_Master of Architecture_(taught in English)

2018 to present_Architectural Design Studio_1nd year of Master of Architecture_(taught in English)

2009 - 2017 *Architectural Design Studio*_2nd year of Master of Architecture_(taught in English)

2010 - 2013 *Urban Design*_1st year of Master of Urban Planning_(taught in English)

2003 - 2004 *Tecniche di progettazione di aree verdi*_2nd year of Bachelor of Architecture_(taught in italian)

2005 - 2009 *Laboratorio di progettazione Architettonica*, 2nd year of Bachelor of Architecture_(taught in italian)

2008 - 2009 *Laboratorio di progettazione Architettonica*, 3rd year of Bachelor of Architecture_(taught in italian)

2008 - 2016 *Laboratorio tematico opzionale*_(taught alternatively in italian and English as either studio head or co-professor)

_Lecturer within V Cycle Alta Scuola Politecnica (2008 - 2010); title of the project of the Working Group: *EXP -HOST Great events and hospitality. Milan Expo 2015 and Turin Italy 150: new concepts and formats of hospitality for new populations.*

_ Lecturer within VII Cycle Alta Scuola Politecnica (2009 - 2011); title of the project of the Working Group: *E-Scape_New, tools and new opportunities for the localization of Expo 2015 general interest services along the Canale Cavour, the backbone of the Milan-Turin urban region*, dedicated to the study of infrastructure and Scenarios for the territorial corridor Milan-Turin

It is also of significant interest, his intense activity of collaborations with universities and accredited foreign research centers, in which he has delivered courses, seminars, design studios, workshops and lessons, in particular at:

2018, 2019 *Taller Milano*, Universidad San Francisco de Quito, Ecuador, (workshops held in Milan, Italy)

2016_Lecturer and head of Design Studio at Tecnológico de Monterrey, within the visiting professorship program *Lider Academico*.

2011, 2013_Department of Architecture, School of Engineering, Universitas Indonesia, Campus Depok, Jakarta

2009 - 2011 *Elisava*, Escola de Disseny-Enginyeria de l'Edificació', Universitat Pompeu Fabra, Barcelona,

(2007 - 2009) Escola Superior de Disseny IED, Barcelona

2003, 2007 - 2009_Escola Tecnica Superior d'Arquitectura_UIC Universitat Internacional de Catalunya, Barcelona

2011 - 2015_ANCB, Aedes Network Campus Berlin

_2011 - 2016 has been lecturing within the collaborative platform Elop/Pole, initiated by the Berner Fachhochschule, Bern University of Applied Sciences, School of Architecture, in junction with the universities of Bangor (UK), Stanford (USA), Bern and Geneva (Switzerland), Cologne and Weimar (Germany), Tecnologico de Monterrey (Mexico), Marseille (France), Politecnico di Milano (Italy), namely in the following travelling design studios:

2011_Elop 4 Bern (CH)_7x24x52 *Water and Ice*

2012_Elop 5 Cologne (D)_*Learning Environments Campus Cologne* 2013_Elop 6 Palo Alto (USA)_*Crossroads/Crossfunctions* 2014_Elop 7 Finhaut (CH)_*Alpine Mutations*

2015_Elop 8 Queretaro (MEX)_*Fringe conditions*

2016_Elop 9 Bangor (UK)_*Coherent Connections*

He is a member of Thesis Jury (Commissione di Laurea) at Bachelor and Master level and he regularly serves as a thesis supervisors for final works (Tesi di Laurea) at Bachelor and Master.

_MIAW_Milano International Architectural Workshop_steering committee for starting phase and implementation_October 2010_School Of Architecture and Society_Politecnico di Milano, curated by Massimo Bricocoli, Antonella Bruzzese, Fabrizio Leoni, Ingrid Paoletti, Matteo Poli, Gennaro Postiglione, Luigi Spinelli, Andrea Tartaglia, Matteo Aimini, Lorenzo Bini, Giancarlo Floridi, Andrea Gritti, Paolo Mestriner. The results of the first workshop edition are collected in the collective publication AAVV, *MIAW_2010: Re-appropriation*, Siracusa, Lettera Ventidue, 2011

_Of crucial importance for the innovative teaching pedagogy that would feed and structure the next stages of his teaching, is his engagement as a co-Director and/or co-organizer along with Raffaello Cecchi and Vincenza Lima as well as a design studio professor of the *International Summer Workshops Architecture/Infrastructures/Landscape* held in Grosseto (1998), Sarzana (2001), Cagliari (2003), Taormina (2006).

a) Other activities at PoliMI:

_2018, Panel member for fellowship candidates selection "Mappature di territori Fragili"_Dastu_Dipartimento di Eccellenza_Fragilit  Territoriali

_2011 - 2013, Department Board (Giunta di Dipartimento) member of Diap_Dipartimento di Architettura e Pianificazione

2011 - 2013 Member of the scientific committee *Laboratorio di Cooperazione Internazionale*, a work unit of Dipartimento di Architettura e Pianificazione engaged in cooperative projects of urban, landscape and architectural design for emerging countries.

_2009 to present, Advisor on international students Applications (portfolio and profile) procedure for admission to the Master of Science in Architecture in English,

_2010 to present, Coordinator for Erasmus exchanges with the following Architecture schools:

Escola Tecnica Superior d'Arquitectura de Barcelona École nationale supérieure d'architecture de Lyon

Departamento de Arquitetura da Universidade Autónoma de Lisboa

The Scott Sutherland School of Architecture & Built Environment of Robert Gordon University, Aberdeen,
Univerdidad Los Andes, Bogota'.

_2012 to present, Coordinator and responsible for Exchange and Double degree with Tecnologico de Monterrey,

_Former Member of Commissione internazionalizzazione Scuola di Architettura e Società

a) Professional activity

Public Agencies of Regional Planning

1998 - 2003

Member, as an expert of "*Processi insediativi e ambientali*", of *Ufficio del Piano*, a trans- disciplinary team in charge of Piano Urbanistico Provinciale at Dipartimento per lo sviluppo economico, Provincia di Cagliari, Italy

2001 - 2003

Member of the working group in charge of studies and scenarios on the interaction between infrastructures and new spaces for large commercial units in Provincia di Cagliari

2001 - 2003

Member of the working group in charge of drafting the Piano Urbanistico Commerciale Provincia di Cagliari

2001 - 2003

Member of the working group in charge of Preliminary Studies for the localization of waste treatment plants in the Provincia di Cagliari, Italy

Independent professional practice:

_2001 - 2006

Founding member and partner of the engineering firm *Criteria srl*, based in Cagliari, Italy, a multidisciplinary team (planners, architects, engineers, economists, geologists, etc.) specialized in urban studies, territorial, environmental and landscape projects

Since 1994: Fabrizio Leoni Architettura

A design research platform focusing on studies and projects for:

_landscape design and environmental regeneration schemes
_interior design for homes, offices, commercial spaces and health facilities
_residential buildings
_furniture, lighting, graphic image for Exhibition spaces

_National and international competitions; selected entries:

2016_Leisure Center, Sanya, Hainan, China 2014_Cavalcavia Busca_public space, Milan
2012_Capo Ceraso Hub_mixed-use leisure/residential/hospitality complex, Olbia_winning project
2007_Public space, park and underground parking, Solsona, Barcelona 2006
_International Competition for Betile, Museum of Contemporary and Nuragic Art of Sardinia, Cagliari, with Yung Ho Chang, Id lab, Mutti Architects_finalist project
2006_Can Mir Esports, Public space and sport facilities, Rubì, Barcelona, winning project
2005_City Hall Public square, Pati de Ca les Monges_Les Preses, Girona, Spain_winning project
2005_Europan 8_Waidhofen, Austria
2004_Allestimento Spazi d'ingresso Maxxi_Roma_Concorso promosso dalla DARC, Direzione Generale per l'Arte e l'Architettura contemporanea, architects under 40
_finalist project
2004_Sustainable Collective Housing in Torre Barò, Barcelona 2003_Tokyo Living KBLA, sustainable co-housing in Tokyo 2002_Parco Talenti, Quartiere Rinascimento, Rome 2004_400000 Habitatges in the Ebro Delta, Spain
2003_Environmental regeneration and public facilities along Poetto waterfront, Quartu SE, Cagliari_winning project
1998_Emiciclo Garibaldi, public space and light metro station, Sassari, organized by Triennale di Milan and InArch Istituto Nazionale di Architettura_special mention

A number of the most significant works of this list of competitions are published in international magazines, journals, catalogues and books.

a) List of main Publications ISSN 2532 - 5345 ISSN 2532 - 5345

_Leoni F. (2021), *Indoor landscape nella Diagonal Blue House di Fabrizio Leoni a Barcellona*_in You Build_n° 22_December 2021- January 2022

ISSN: 2532 - 5345

_Leoni F. (2020), *Tourism, architecture and new normality*_in C3 Magazine_n° 408, July 2020

ISSN: 2092-5190

_Leoni F. (2019), *Leisure | Hospitality | Exhibition. Three projects at the frontier of teaching, researching and professional design*, LIST Lab.

ISBN: 9788832080285

_Leoni F. (2019), *Paesaggi Operativi. Gerarchie e relazioni tra gli oggetti nel progetto di spazio aperto su finire del Novecento*, LIST Lab.

ISBN: 9788832080278

_Leoni F. (2018), *Pumping new blood into obsolete buildings in fragile*

territories> *Leisure & Hospitality: two mixed-use projects for Olbia (Italy) and Sanya (China), at the frontier of teaching, researching and professional design*, in IFAU 2018

2nd International Forum on Architecture and Urbanism, Territori fragili/Fragile territories Paesaggi_Città_Architetture/Landscapes_Cities_Architecture, Abstract Proceedings Book, Pescara November 8, 9, 10 - 2018, edited by Cristiana Cellucci, Claudia Di Girolamo, Federico di Lallo, Stefania Grusso, Gangemi Editore, Roma.

ISBN: 978-88-492-3669-9

_Leoni F. (2018), *Materie, Densità, Margini. Caratteri dello spazio aperto a Matera*, in Guya Bertelli, a cura di, *Paesaggi Fragili. Recycle Italy*, pages. 119-129, Aracne Editrice, Roma. ISBN: 978-88-548-9083-1

_Leoni F. (2018), *Excavations, Topographies, and Diagrams of Open Space*, in Lorenzo degli Esposti, edited by, *MCM. Milan Capital of the Modern*, pages. 437-439, Actar, New York.

ISBN: 978-1945150-70-8

_Leoni F. (2017), *Scenari progettuali per l'area Rubattino a Milano*, pp.196-199, in *Riformare Milano. Progetti per aree ed edifici in stato di abbandono*, a cura di Barbara Coppetti, pages 196-199, Pearson Italia, Milano

ISBN: 9788867741670

_Leoni F. (2017), *Singapore, matrice ambientale e iperdensità*, in G.Vitali (a cura di),

Architetture e Interni urbani. Singapore, p. 7, RCS MediaGroup, Milano. ISBN: 9772035843167

_Leoni F. (2016), *The Value of Metaphors in Architectural Design*, pages 33-40, in *Transforming Education by Transdisciplinary Collaboration*, edited by Christoph Holliger, Basel, University of Applied Sciences Northwestern Switzerland, POLE.

ISBN: 978-3-03305872-9.

_Leoni F., Morandi C., Rolando A. (2016), *Edgelands and Urban Agriculture*, in *The Metropolitan Laboratory. Education: Trial and Error*, edited by Hans-Jürgen Commerell and Kristin Feireiss, Spector Book, Leipzig.

ISBN: 9783944083032

_Leoni F. (2015), *Lo scheletro di un albergo rinasce, come "mixed-use". Un complesso alberghiero abbandonato, a Capo Ceraso nel golfo di Olbia. Ecco come l'architetto Fabrizio Leoni ne ha progettato il riuso*, edited by Irene Guzman, Abitare, Milano, online edition, July

ISSN: 9-770001-321008

_Leoni F. (2015), *Cocoa Cluster*, in *Villages of Good Nutrition. I villaggi della buona alimentazione*, Sara Banti, edited by, Abitare, 541, Jan-Feb 2015.

ISSN; 9-770001-321008

_Leoni F., Cardenas M., Ventura C. (2015), *Cocoa and chocolate pavilions*, in: *Future Arquitecturas*, n 47/48. *Expo Milano 2015. The Legacy of Worlds Exhibitions*, Madrid.

ISSN: 9-771885-822001

_Leoni F., Cardenas M., Ventura C. (2014), *Cocoa Cluster Concept*, in Matteo Vercelloni, a cura di, *Cluster Pavilions. Expo Milano 2015*. p. 46-55, Milano, Arnoldo Mondadori Editore. ISBN: 9788804645849.

_Leoni F. (2013), *Strata_codes_events towards a parametric approach*", pages 26-29, in "A Hermit's Cabin", edited by Cornelia Leopold, Andreas Kretzer, Mayka Garcia-Hípola, Covadonga Lorenzo Cueva, Luigi Cocchiarella, Fabrizio Leoni, Benjamin Dillenburger, Hua Hao, Technische Universität Kaiserslautern. ISBN: 978-3-943995-18-3,

Leoni F., Morandi C., Rolando A. et al, (2013), *VII Cycle Alta Scuola Politecnica, E- Scape_New, tools and new opportunities for the localization of Expo 2015 general interest services along the Canale Cavour, the backbone of the Milan-Turin urban region Multidisciplinarity and innovation*, in *ASP projects 7*, Polipress, Sesto Ulteriano, Milano. ISBN: 978 88 7398 0766

_Leoni F. (2013), *Adiacenze, Metafore e Nomadismi. Note su alcuni concetti operativi del progetto contemporaneo in Navigare sulla carta Bianca. Cinque idee di città e di Architettura*, edited by Lorenzo Consalez, Pierluigi Salvadeo, Lettera 22, Siracusa ISBN: 978-88-6242-090-7

_Leoni F. (2011), *Infrastructures. Cities on the Move*, in C3, vol. 325, pages. 64-127. ISSN: 2092-5190

_Leoni F. (2011), *Editoriale. Un paesaggio dell'infrastruttura*, ARCH+, vol. 10, p. 6

_Leoni F. (2011), *In the Corner. Buildings on a Corner Plot*, in C3, vol. 325, p. 170-199, ISSN: 2092-5190

_Leoni F., Morandi C., Rolando A. et al, (2011), *V Cycle Alta Scuola Politecnica, EXP - HOST Great events and hospitality. Milan Expo 2015 and Turin Italy 150: new concepts and formats of hospitality for new populations. Multidisciplinarity and innovation*, in *ASP projects 5*, Polipress, Sesto Ulteriano, Milano. ISBN: 978-88-7398-071-1

_Leoni F. (2010), *Emerging Trends in Contemporary Portuguese Residential Architecture*, in C3, vol. 316, pages 38-93. ISSN: 2092-5190

_Leoni F., Merone O. (2009), *Casa O*, in Marco Lucchini. *L'identità Molteplice, Architettura in Sardegna dal 1930 al 2008*, p. 242-243, Aisara Editore, Cagliari, ISBN: 9788861040335

_Leoni F. (2009). *Casa O*, in Luigi Prestinenza Puglisi, Anna Baldini. *Press T Mag. Raccolte di opere di architettura tratte dalla newsletter Press T Magazine*, p. 28-31, Mancuso Editore, Roma. ISBN: 9788887017885

_Leoni F. (2008), *How to design "a family-proof home" which is able to change in time?* ABITARE, vol. 485, p. 56-67. ISSN: 0001-3218

_Leoni F. (2007). in *The Young Sensualist*. ARCHITECTURAL DESIGN, vol. 77, p. 86-97, ISSN: 0003-8504 2007

_Leoni F. (2007), in *The Young Experimentalist*. ARCHITECTURAL DESIGN, vol. 77, p. 69-79.
ISSN: 0003-8504

_Leoni F. (2007), *Casa O*, in *Update: Sardinia*, in A10, p. 7. ISSN: 1573-3815

_Leoni F. (2007), *Casa O*, in Joachim Fischer, Chris Van Uffelen, *1000 x European Architecture*, p. 987, Braun Publishing, Salenstein.
ISBN: 978-3938780107

_Leoni F. (2007). *Casa O*, in *Sardinia*, DOMUS 591, p. 91. ISSN: 0012-5377

_Leoni F., Chang Y., Id-Lab, Mutti Architetti, (2007), *Betile. Museo regionale dell'arte nuragica e dell'arte contemporanea del Mediterraneo*, in *Sardinia*, DOMUS 591, p. 88. ISSN: 0012-5377

_Leoni F. (2006), *Casa O*, in Simone Schleifer, *Casas Minimalistas*, p. 164-171, Taschen, Koln.
ISBN: 3822851469

_Leoni F. (2006), *Casa O*, in Marotta A., Ruotolo P., *Arie Italiane. Motivi dell'architettura italiana recente*, p. 24-27, Edilstampa, Roma.
ISBN: 8878640220

_Leoni F. (2006), *Blu orizzonte*, in EUROP'A, vol. 3, p. 46-49

_Leoni F. (2006), *Horizonte Azul*, in EUROP'A, vol. 3, p. 46-49

_Leoni F. (2005). *Casa O*, in Paolo Simonetto, *Architetti interpretano la casa d'abitazione italiana. Opere Realizzate*, p. 56-61, Biblos, Cittadella.
ISBN: 8888064400

_Leoni F. (2005), *D House*, in Encarna Castillo, *Kitchens*, p. 180-183, Harpens Collins, New York.
ISBN: 0060749776

_Leoni F. (2005). *Casa O*, Ana Cañizares, *150 Best Houses Ideas*, p. 539-543, Collins Design and Loft Publications, New York.
ISBN: 0060780002

_Leoni F. (2004), *Editoriale. La legge salvacoste in Sardegna: dalla mentalità estrattiva al turismo sostenibile*, in D'A. D'ARCHITETTURA, vol. 25, p. 46-49,
ISSN: 1720-0342

_Leoni F. (2004), *Casa O*, in Marco Mulazzani, a cura di, *Almanacco di Casabella. Giovani Architetti Italiani 2003-2004*, p. 72-77, Arnoldo Mondadori, Milano.
ISSN: 0008-7181

Leoni F. (2004), *House in Sardinia*, in Pino Scaglione, *Net.it. A snapshot of Contemporary Architecture, Design and Photography in Italy*, p. 280-283, Actar,

Barcelona.
ISBN: 8495951894

Leoni F. (2004), *KBLA System. Living Menu*, in Encarna Castillo, *New Bedroom Design*. p. 62-65, Daab, Cologne, London, New York.
ISBN: 9783937718163

Leoni F., Merone O. (2004), *Casa D*, in Silvio San Pietro, Paola Gallo, *Kitchens_Cucine*. p. 134-137, Edizioni L'archivolto, Milan.,
ISBN: 8876851453

Leoni F. (2004), *Casa O*, in Massimo Zammerini, *Edifici per abitare*, p. 74-78, EdilStampa, Roma.
ISBN: 9786001567599

Leoni F. (2004), *Casa O*, in D'A. D'ARCHITETTURA, vol. 24, p. 54-59. ISSN: 1720-0342

Leoni F., Merone O. (2003), *Abitare il Libro*, Pietro Carlo Pellegrini, *Allestimenti Museali*, p. 204-211, Federico Motta, Milano. ISBN: 8871793617

Fabrizio Leoni, Milan, April 2022

“autorizzo il Politecnico di Milano a pubblicare il presente curriculum sul sito WEB di Ateneo, ai fini istituzionali e in ottemperanza al D. Lgs n. 33 del 14 marzo 2013 “Decreto trasparenza” come modificato dal D. Lgs. 97 del 2016”