

ANDREA GRITTI

Associate Professor
in Architectural and Urban Design

CURRICULUM VITAE

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Biographical Note

Andrea Gritti (1967) is a PhD architect since 2000 and a professor of architectural design at the Scuola di Architettura, Urbanistica e Ingegneria delle Costruzioni (AUIIC) of the Politecnico di Milano, where he teaches continuously from the academic year 2000-2001. He is a tenured researcher in architectural and urban composition at the Department of Architecture and Urban Studies (DASU) since November 2011 and an associate professor since 2020. Since 2016 until 2019 he has been delegate of the Rector of the Politecnico di Milano for International Relations with Latin America. He was a member of the Board of ProArch, the Italian scientific society of architectural design teachers (ICAR 14, 15, 16). As a researcher he studies the theories and practices of recovering, reusing and recycling the architecture, the city and the territory. From 2012 to 2016, he was coordinator of the Re-cycle Italy Laboratory in the research unit set up at the Politecnico di Milano for the homonymous PRIN. Since 2010, continuously, he deals with architectural interventions of prevention, emergency and reconstruction of areas affected by natural disasters, within international research groups for which he coordinated the participation, in 2016, at the conference UN Habitat III, with an event entitled "Post - Disaster Recovery in Urban Areas". From 2017 to 2019 he coordinated a FARB research at the DASU entitled: "Learning from catastrophes: methods, tools and techniques for the realization of resilient settlement systems". He currently directs the international research "Highway Architecture Landscape" and "Modernism Architecture in Tashkent". He has curated numerous exhibitions dedicated to urban studies and architectural design at several university institutions (Milan, Venice, Genova) and prestigious cultural centers (Triennale di Milano). He is a member of the scientific committee of architecture magazines in Italy and abroad and has participated as a speaker at numerous international conferences and as a lecturer invited to workshops and master's courses in Italy, Europe and Latin America. From July 2018 he is visiting researcher at the Accademia di Architettura della Svizzera italiana of Mendrisio and the Archivio del Moderno in Chiasso where he carries out research dedicated to the architectural work of Vittoriano Viganò. In the academic year 2018- 2019 he has been a visiting professor at the Ecole Nationale Supérieure d'Architecture de Marseille where he held monographic course and design studio. Between 1997 and 2005 he coordinated the International Architectural and Urban Design Laboratory of Bergamo organized by the Politecnico di Milano. As a professional architect he undertook design research dedicated to energy efficiency, particularly in the field of residential and social, temporary and permanent construction (1st INU UrbanPromo Award 2010 "Sustainable energy in cities", awards and reporting in the categories "buildings in line" and "towers" in Housing Contest 2011). From 2005 to 2015 he participated in design groups charged with planning urban transformation in areas characterized by high settlement complexity (in Bergamo, Novara, Florence, Syracuse, Cosenza). In the same years he built the auditoriums of the cities of Albino, Nembro and Treviglio, intervening on complexes subjected to conservative constraint.

1. Teaching activity

Since the academic year 2000-2001, Andrea Gritti has held, continuously, as an adjunct and aggregate professor, architectural design laboratories at the Faculties and the Schools of Architecture of the Politecnico di Milano, dedicated to the theme of reuse, recovery and recycling of architectural complexes which, although part of the European cultural heritage, are in a state of neglect. In the same university, starting from the 2012-13 academic year, he held monographic courses dedicated to design theory (first, Elements of Architecture, and then, Elements of Architectural Typology).

Starting to 2020 he is a member of the Doctoral Board in Urban, Architectural and Interior Design, set up at the Department of Architecture and Urban Studies of the Politecnico di Milano.

In the academic year 2018-2019, at the ENSA de Marseille, as a visiting professor, he held a course on Théorie du Projet, dedicated to scalar conception in architecture, and two Studio de Projet, dedicated to the architectural and urban project of face the risks induced by climate change.

From the academic year 2005-2006 and until the academic year 2008-2009 he held courses in Architettura Tecnica e Tipologie Edilizie, first, and in Progettazione edile, then, at the Progettazione edile of the University of Bergamo.

He has promoted and coordinated numerous international architectural design workshops, both in Europe and Latin America.

Participation as teacher in workshops design

"Scarcity", Barcelona International Architecture Workshop (BIAW) held from 5 to 10 September 2011 at Escola Tècnica Superior d'Arquitectura del Vallès de l'Universitat Politècnica de Catalunya.

"Rencontres [avec] le territoire", international design workshop held from 30 June to 14 July 2013, at the Ecole Nationale Supérieure d'Architecture de Marseille.

"Psychiatric Hospital", Genoa Summer School (GSS - 2nd edition), held from 21 July to 2 August 2014 at the Facoltà di Architettura of the Università di Genova.

"Water Form, Architectural Experiments on the Quebrada Machángara in Quito", Quito International Workshop in Architecture (WinAreQ - 2nd edition), held from 25 May to 5 June 2015 at the UTE de Quito (Ecuador).

"Memories fragiles acciones resilientes", Quito International Workshop in Architecture (WinAreQ - 3rd edition) held from 6 to 11 June 2016 at the UTE de Quito (Ecuador).

«From Emergency to Reconstruction», Santiago de Chile, from 16 to 24 October 2017 at Pontificia Católica (Chile).

«Taller HabitAndes», Loja (Rururban 3rd edition) held from 17 to 21 October 2022 at the UTPL de Loja (Ecuador)

2. Research activity

The scientific activity of Andrea Gritti concerns two lines of research:

recycle and reuse of existing architectural and urban heritage; maintenance, preservation and transformation strategies of infrastructural networks.

The first line of research was launched during the PRIN Re-Cycle Italy, in which Andrea Gritti acted as Head of the Re-cycle Laboratory, established at the Politecnico di Milano. In this capacity, he coordinated the activities of the members of the research unit, participated in conferences, seminars and workshops, contributed to the creation of scientific publications, also with international partners.

During this period, he undertook a research dedicated to the fate of ruins and rubble and to the design role of recycle actions that confront with waste.

The second line of research has taken on consistency through the curatorship activity of the exhibition promoted by the Triennale X-Tra circuit, entrusted to Andrea Gritti in March 2015. The preparation of the exhibition, dedicated to the study of the original stretch of the current A4, has enabled the development of the research, financed from 2019 to 2023 by AutoBrennero SpA, with the title "Architecture, Motorway, Landscape", dedicated to the carrying out of historical-critical reconnaissance and design experiments along the route of the A22.

These two lines of research, specifically addressed to the project, have been accompanied, starting from 2016, by an in-depth study of the work of architects who have contributed internationally to the affirmation of the brutalist language and to the exploration of the relationships between art and architecture.

In the Latin American context, this research focused on the work of Milton Barragán Dumet, in the Italian one, on the work of Vittoriano Viganò.

After contributing to the research about the work of Barragán Dumet, during the first semester of the academic year 2018-2019, Andrea Gritti carried out a period of leave for study purposes, at the Academy of Architecture of Mendrisio and the Archivio del Moderno di Chiasso, which holds part of the funds from the Vittoriano Viganò Archive. Following these insights, Andrea Gritti coordinates, with Giampiero Bosoni, the celebrations for the centenary of the birth of the Milanese architect, inaugurated on 15 November 2019 by the exhibition "VV100_A as Architecture: a retrospective" and scheduled until next December 2020.

Recently, the promotion of the departmental excellence program dedicated to territorial fragility has allowed Andrea Gritti to consolidate three strategic partnerships with the programs promoted

by the Partnerarial Chaire established at the ENSA of Marne-la-Vallée on the theme "Le littoral comme territoire de projet", dedicated to the definition of design strategies for coastal settlements threatened by climate change;

by the Pontificia Universidad Católica de Chile on the theme of sustainable design in the Tierra del Fuego region, in relation with the celebrations for the 500th anniversary of the circumnavigation of the Strait of Magellan,

by ACDF Uzbekistan to promote knowledge and transformation of the heritage of Soviet modernism in Tashkent.

3. Publications

he research carried out by Andrea Gritti is documented by printed publications, which interpret the themes described in this curriculum and, in general, address the relationship between theory and practice of architectural and urban design at all scales of intervention.

The texts published by Andrea Gritti, during the last 10 years, include: 5 monographs (m); more than 30 contributions in collective books (cb), 10 contributions in conference proceedings (cp), 40 journal articles (ma) of which 10 recorded on class A products .

He is member of the scientific committees of the magazine "ARK" (until 2016), of "Los Anales de Arquitectura" de la Pontificia Universidad Católica de Chile, "Ancòre", a series of the Libria Publishing House, and he directs «Sideways», a series of Rubbettino Publishing House.

List of recent scientific publications

Gritti A. (2022), «Marseille, Un-finished Eco-Metropolis» in IQD #68, pp. 122-135, ISSN 1970-9250 (ma)

Gritti A. (2022), «Da Firenze a "Psicon" : cronache di un viaggio all'interno e all'intorno dell'architettura», in Vesper #6 «Magic», pp.88-109, ISSN: 2704-7598 (ma)

Gritti A. (2021) «Ampliamento della Facoltà di Architettura. Vittoriano Viganò 1970-8», in Biraghi M., Granato A. (a cura di) L'architettura di Milano. La città scritta dagli architetti dal dopoguerra a oggi, Hoepli, Milano, pp. 240-241, ISBN 978-88-360-0611-3 (cb)

Gritti A. (2021) "Las arquitecturas de los pioneros y las nuevas fronteras del patrimonio industrial", in Bonomo U., Garcés E., Silva C. (a cura di), Magallanes territorio sin fronteras. Patrimonio, identidades, desarrollo sostenible, Ediciones UC, Santiago de Chile, pp. 61-70 ISBN 978-956-14-2908-6 (cb)

Gritti A., Casti E. (2021), *Il teatro Donizetti. Metamorfosi della scena urbana a Bergamo*, Bolis Edizioni, Bergamo, ISBN 978-88-7827-491-4 (m)

Gritti A., Fontana G. L., (2020) *Architecture at work. Towns and Landscape of Industrial Heritage*, FORMA Edizioni, Firenze, ISBN 978-88-55210-25-6 (m)

Gritti A., Zanda C. (2018). *Autostrada Novissima. Architetture in sequenza lungo l'A4 tra Bergamo e Milano*. Soveria Mannelli (Cz): Rubbettino Editore, ISBN: 978-8849-85-495-4 (m)

Gritti A. (2018). *Modulazioni. La concezione scalare in architettura*. Politecnica, Sant'Arcangelo di Romagna: Maggioli editore, ISBN: 978-8891-62-618-9 (m)

Gritti A. (2018). "Estados de equilibrio. Cuerpo y memoria en la arquitectura de Milton Barragán Dumet" in Orbea Trávez H. (edited by) Milton Barragán Dumet: 60 años de arquitectura, Quito (Ec): IMPDM de Quito, pp. 19-37, ISBN: 978-9942-781-05-5. (cb)

Gritti A., Corradi E. (2018). "Il patrimonio delle comunità resilienti. Mappe e codici nell'Italia dei terremoti" in TECHNÉ, vol. 15, pp. 81-91, ISSN: 2239-0243(ma)

Gritti A., Berta M. (2017) "Territori infrastrutturati" in Fabian L., Munarin S. (edited by) Re-cycle Italy. Atlante. Siracusa: Letteraventidue, pp. 50-63, ISBN: 978-88-6242-200-0.(cb)

Gritti A. (2016) "Archaeology / Archeologia" in Marini S., Corbellini G. (edited by) Recycled Theory. Macerata: Quodlibet, pp. 54-70, ISBN: 9788874628940. (cb)

4. Professional activity

From 1996 to 2011, together with the research activities carried out as PhD candidate, PhD architect and adjunct professor at the Faculties and Schools of Architecture of Politecnico di Milano and Faculty of Engineering of Università di Bergamo, Andrea Gritti has conducted several professional experiences, in which he has used the architectural and urban project, as a tool for deepening the "measurement of contexts".

These experiences, carried out at various scales of intervention and on different themes (the urban design of areas with high infrastructural complexity, the enhancement of the settlement heritage, the energy efficiency of the buildings, the quality of the public open spaces) constituted the field within Andrea Gritti has oriented his scientific interests towards architectural and urban design.

In this perspective, the reflection on the results achieved in these experiences (built and not built projects, competition projects, feasibility studies) constitutes the specific cultural background of Andrea Gritti, as well as the opportunity for the verifications of technical, methodological and instrumental skills refined through the development of teaching and research activities.

2001-2007

Integrated Intervention Plan for the New Center, residential and tertiary complex with equipment of public interest in Albino. Architects: Andrea Gritti, Gianpaolo Gritti, Pietro Gritti PUBLISHED PROJECT

2004-2010

Sustainable architecture in Bergamo - neighborhood built in class A according to the casaklima protocol. Architects: Andrea Gritti, Gianpaolo Gritti, Pietro Gritti. Work presented at Urbanpromo 2010, Venice. FIRST AWARD WINNING PROJECT at the National Competition "Sustainable Energy in Cities"; Awarding authority: INU with MIT. AWARDED and PUBLISHED PROJECT

Integrated Intervention Program for the recovery of the former Modernissimo Theater, the construction of a new multifunctional complex, the redevelopment of Piazza della Libertà and the Giardino Moscheni. Architects: Andrea Gritti, Gianpaolo Gritti, Pietro Gritti. Work presented at the Prize "Dedalo Minosse, International Award for clients in architecture", Eighth edition 2010. PROJECT REPORTED in the section "The recovery of the existing". PUBLISHED PROJECT

2010-2011

"Composito Minimo", project for experimental fiberglass housing modules. Architects: Andrea Gritti, Gianpaolo Gritti. Project presented on the occasion of the 7th Energy Forum in Bressanone. PUBLISHED PROJECT.

2011- (2015)

Housing Contest. Repertoire of projects for high performance and low cost residential buildings. Project by Andrea Gritti with Davide Brevi. ANCE; IN / ARCH, National Institute of Architecture, Lombardy Section; FederlegnoArredo SELECTED and PUBLISHED PROJECT.

Reuse and redevelopment of the former Upim building in Piazza Garibaldi in Treviglio, for the construction of a new civic center and the city's Auditorium. Design team: Andrea Gritti, Gianpaolo Gritti, Pietro Gritti (preliminary project and final project 2011-2012) - Marco Bozzola, Gianpaolo Gritti, Pietro Gritti (executive project 2013-2015) PUBLISHED PROJECT