



Edited by Michel Carlana, Simone Gobbo

Labor. Geographies of Work

Quaderni luav. Ricerche

Edited by Michel Carlana, Simone Gobbo

Labor. Geographies of Work



Labor. Geographies of Work, is a small book, a breviary intended as an initial table of comparison and discussion on the theme of work in architecture, related to the society and time in which we live. An 'archipelago' of universities reasoned about the meaning of the word *Labor*, the central theme of the 25th edition of the WAVE (international architecture workshops) at the Università luav di Venezia.

Quaderni luav. Ricerche

Edited by Michel Carlana, Simone Gobbo

**Labor.
Geographies of Work**

Quaderni luav. Ricerche *luav at Work*

Collection edited by

Sara Marini, Massimiliano Condotta, Università luav di Venezia

Advisory board

Caterina Balletti, Università luav di Venezia

Alessandra Bosco, Università luav di Venezia

Maurizio Carlin, Padiglione Venezia

Michele Casarin, Accademia di Belle Arti di Venezia

Alessandro Costa, Fondazione Venezia Capitale Mondiale della Sostenibilità

Giovanni Dell'Olivo, Fondazione di Venezia

Giovanni Marras, Università luav di Venezia

Graphic design

Centro Editoria Pard / Egidio Cutillo, Andrea Pastorello

Labor. Geographies of Work

Edited by Michel Carlana, Simone Gobbo

ISBN 979-12-5953-151-3

First edition: April 2025

Layout: Michel Carlana, Simone Gobbo

Proofreading: Simona Cavallaro

Cover picture

Armin Linke, European Commission, Audiovisual Service, Berlaymont building, front desk, schedule, Brussels, Belgium, 2017. Courtesy Vistamare Milano|Pescara

Anteferma Edizioni Srl, via Asolo 12, Conegliano, TV

Printing: Grafiche Antiga, Crocetta del Montello, TV

Copyright: Work distributed under the CC BY-NC-ND 4.0 International license

Volume published as part of the 19th International Architecture Exhibition of Venice, within the *luav at Work* project, as an extension of the Venice Pavilion into the urban territory.

Volume produced with funds from the collaborative activity between Fondazione luav, Università luav di Venezia, Fondazione di Venezia and Venice Sustainability Foundation.

We thank Lucia Basile, Massimiliano Condotta, Angelo Maggi, Elisa Zatta who helped us to produce this work.



Contents

- 6 *Labor. New Workplaces, Theories and Forms of Collaboration*
Benno Albrecht
- 12 *WAVE's Next Frontier: Internationalization as an Educational Strategy*
Angelo Maggi
- 18 *Modern Times*
Michel Carlana
- 22 *Why Does Work Modify Space and Require Us to Think New Theories?*
Simone Gobbo
- I. Work and Relationships**
- 28 *Labor Coreographies*
Armin Linke
- 50 *Labor and the Architectural Laboratory: Evolving Work, Craft, and Experimentation*
Bartlett School of Architecture
Alberto Campagnoli, Günther Galligioni
- 54 *Flexibility and the Relation Towards the City*
Bauhaus-Universität Weimar
Christian Felgendreher, Christina Köchling
- 58 *The Work of Architecture and the Architecture of Work*
CEPT University
Smit Vyas

Contents

- 62 *Temporary Vendors Versus Commercial Centers.
The Future of Urban Streets' Vitality*
Feng Chia University
Lorena Alessio
- 66 *4 Algorithms for the Concept of Labor*
ITESO, Universidad Jesuita de Guadalajara
Sandra Valdés Valdés
- 72 *The Evolution of Labor Spaces: Seven Emerging
Typologies of Contemporary Workscapes*
School of Architecture at the Central Academy of Fine Arts
Zhu Pei
- 76 *From Hierarchical Space to Diffuse Space*
School of Architecture La Salle Barcelona
Josep Ferrando
- 80 *The Arc of Architecture and Labor in the U.S.*
Thomas Jefferson University
David Breiner, Lisa Phillips
- 84 *The New Fundamentals: Time, Labour, and the
Architecture of the Future*
TU Delft
Georg Vrachliotis
- 88 *The Thinking Hand*
Università Iuav di Venezia
Roberta Albiero
- 92 *Perpetua. The Work of Time*
Università Iuav di Venezia
Michel Carlana
- 96 *Labor is 'What We Are Doing on the Earth'*
Università Iuav di Venezia
Fernanda De Maio

Contents

- 100 *Lost Labor*
Università Iuav di Venezia
Antonella Gallo
- 104 *Theory is an Unfinished Worksite*
Università Iuav di Venezia
Simone Gobbo
- 108 *Producing the Factory: Architecture and Space
of Industrial Work in Italy*
Università Iuav di Venezia
Guido Morpurgo

II. Work and Geography

- 114 *Spectrum. Geographies of Labor*
Riccardo Miotto
- 139 Profiles

If, for an instant, we tried to think about architecture not only as an art capable of providing spaces for humanity but as a product, it might become easier to understand the theme of ‘process’ with greater clarity and appropriate detachment, considering it as one of the most crucial moments of the architectural discipline to reflect upon today.

Throughout history, architecture’s cycle of production has undergone multiple defining moments profoundly transforming its outcomes in terms of construction, form, space, language, and meaning. Revisiting these important aspects – at a time when material production and disposal seem to be pressing issues – could help trace a research trajectory that has always distinguished specific historical periods in the fields of construction and the ‘work’ generated by architecture.

To consider the ‘perpetual’ circularity of this subject, not only in terms of reuse but also in terms of space, composition, and language, could foster a renewed familiarity with ancient themes such as the reemployment of structures and the *spolia*¹, a word that has characterized our Country, allowing for significant reflections on the concept of memory.

I have rebuilt much; and to rebuild is to collaborate with time in its aspect of ‘past’, to penetrate its spirit and to mold it, to extend it, as it were, toward a longer future; it is to detect beneath stones the secret of springs.²

The stance adopted toward this *modus operandi*, currently in the process being rediscovered and studied in depth both in leading international research institutions³ and on the most

Perpetua. The Work of Time

1 On the subject of the *spolia*, refer to the work published by S. Settis, A. Anguissola (eds.), *Recycling Beauty*, Fondazione Prada, Milano 2022.

2 M. Yourcenar, *Memoirs of Hadrian*, Modern Library, New York 1984, p. 135.

3 An important summary of these experiences is collected in the volume published by IKE Institut Konstruktives Entwerfen, ZHAW Departement Architektur, E. Stricker, G. Brandi, A. Sonderegger,

cutting-edge construction sites, allows us to glimpse a new era revolving around building materials – to be viewed from a different perspective – and the professional figures, both old and new, connected to them.

In this sense, the working method itself would transform, as the available ‘ingredients’ to imagine space would be pre-existing⁴, lying in building libraries⁵ distributed in new geographies of scraps: designing would assume new forms obtained through the composition and combination of elements imbued with their own history, waiting to receive a new life.

This process, joined with one of stratification, would inevitably evoke the concept of time, where each component reveals a specific moment of our past. Playing the role of future archaeologists, we can imagine trying to dig through these layers to gain a deeper awareness of what from the past permeates the present.

Perpetua is a knowingly Italian title, an adjective referring to a material – cultural and physical – reasoning by vocation ‘with’ and ‘beyond’ time. An attitude, stemming from this word, which tries to answer two questions simultaneously: the first, how this working method – one integrating reused materials with partially

new elements – would transform space; the second, inversely, how this conception of architecture could generate new ways of working and new professional figures.

The ‘bricoleur’ is adept at performing a large number of diverse tasks; but unlike the engineer, he does not subordinate each of them to the availability of raw materials and tools conceived and procured for the purposes of the project. His universe of instruments is closed and the rules of his game are always to make do with ‘whatever is at hand’, that is to say with a set of tools and materials which is always finite and is also heterogeneous because what it contains bears no relation to the current project, or indeed to any particular project, but is the contingent result of all the occasions there have been to renew or enrich the stock or to maintain it with the remains of previous constructions or destructions.⁶

Baubüro in Situ AG, Zirkular GmbH, M. Angst, B. Buser, M. Massmünster (edited by), *Reuse in Construction. A Compendium of Circular Architecture*, Park Books, Zurich 2022.

- 4 The building industry, in Italy, is responsible for 50% of the total waste production. Out of this quantity, 79,8% undergo some form of recycling, albeit exclusively within the industrial production chain. Waste generated from construction and demolition activities is classified under CER code 17, which also includes packaging materials. However, intact and still fully functional building materials are often directed toward recycling, slowing down the production process and leading to unnecessary resource waste, along with the consequent release of CO2 into the atmosphere. In contrast, some of the most advanced international contexts are promoting initiatives focused on the cataloging and direct reuse of building materials. Source: ISPRA, 2022, rapporto rifiuti speciali.
- 5 These specialized infrastructures would generate new work morphologies through certification, and potential treatments of construction components, and would trigger new methods of catalogation.

- 6 C. Lévi-Strauss, *The Savage Mind*, Chicago University Press, Chicago 1966, p. 17.

Profiles

WAVE 2025, with the *Labor* edition, saw the involvement of many international geographies with the intention of initiating a debate between schools and territories. The photographic and artistic contribution of Armin Linke and Riccardo Miotto completed, with different gazes, a hypothetical mapping that has no defined boundaries, both human and imaginary.

Armin Linke

Armin Linke (1966) is a photographer and filmmaker who investigates the formation – the ‘Gestaltung’ – of the natural, technological, and urban environment, perceived as a diversified space of continuous interaction. His practice is carried out with aesthetic, anthropological and sociological criteria, and combines various image-processing technologies to analyze the relationships between the collective and individual dimensions.

Riccardo Miotto

Riccardo Miotto (1982) is an architect and visual artist. His work explores the space of the format through the relationship between drawing – recto – and its shroud – verso – investigating the tension between the rational and irrational components hidden in the production of images, objects, and spaces.

***Labor. Geographies of Work*, is a small book, a breviary intended as an initial table of comparison and discussion on the theme of work in architecture, related to the society and time in which we live. An ‘archipelago’ of universities reasoned about the meaning of the word *Labor*, the central theme of the 25th edition of the WAVE (international architecture workshops) at the Università Iuav di**

Venezia. A multiplicity of institutions wrote and reflected through many scholars from different parts of the world (and with very different backgrounds), so as to begin to draw a shared picture of the different realities of schools of architecture and the transversal teaching and working methodologies that distinguish each of these very specific approaches.

Bartlett School of Architecture, London, United Kingdom

The Bartlett School of Architecture at UCL is a world-leading centre for architecture and design. Its MA/MLA Landscape Architecture programme explores how landscapes shape cities, ecosystems, and communities. Students engage in design-led research, tackling issues like climate change and biodiversity. With London as a laboratory, they develop skills in sustainable design, urban planning, and ecological restoration, preparing for careers in landscape architecture, environmental planning, and research.

Alberto Campagnoli

Alberto Campagnoli (1988) is an architect focused on regenerative processes and the civic role of landscape architecture. An Università Iuav di Venezia graduate with the thesis Tokyo Re-Edit, he has worked at award-winning firms and explores the interaction of built form, nature, and human activity.

Günther Galligioni

Günther Galligioni (1984) is an Iuav Venice grad in Architecture & Landscape. With extensive experience at top international firms, his work champions innovative design and fosters inclusive, sustainable communities.

Bauhaus-Universität Weimar, Germany

The close connection between architecture and urban studies characterize the work at the faculty and promotes an interdisciplinary culture of study and exchange. The urgent future issues of ecologically and socially sustainable development are at the center of a holistic view of the built and designed environment. The interdisciplinary work is based on working together on a small campus, in studios and workshops as part of the project study programme.

Christian Felgendreher

Christian Felgendreher (1980) founding partner of 'Felgendreher Olf Köchling' is also a member of the design committee Bremen. After his studies at the UdK Berlin he worked at David Chipperfield, London and Kuehn Malvezzi, Berlin. Until 2018 he was teaching assistant at Hilde Leons Chair at Leibniz University Hannover.

Christina Köchling

Christina Köchling (1979) Juniorprofessor at the Bauhaus-University Weimar is originally a carpenter and graduated in architecture at the University of Arts in Berlin. She worked for Christ Gantenbein in Basel and Krucker Bates in Munich. In 2015 she founded her office together with Christian Felgendreher and Johannes Olf in Berlin.

CEPT University, Ahmedabad, India

Faculty of Architecture, CEPT University, is one of the vital centres of thought and education in the field of Architecture in India. It aims for excellence in its teaching and research

programs. It aims to give its students a breadth of cultural exposure that shapes a reflective and critical outlook based on social and environmental awareness and responsiveness. The faculty enjoys an excellent reputation nationally as well as internationally.

Smit Vyas

Smit Vyas is an Associate Professor at the Faculty of Architecture, CEPT. He offers design studios for the undergraduate and master's program and courses in architectural history, theory, drawing and documentation. Smit heads STUDIO 4000, an award-winning design practice based out of Ahmedabad.

Feng Chia University, Taichung City, Taiwan

Feng Chia University, located in Taichung City, Taiwan, is a long-established and vibrant private university. Feng Chia University offers a diverse range of colleges. The establishment of the School of Architecture at Feng Chia University aims to break through traditional architectural education models and cultivate the architectural-related 'professional talents' needed by society. The school emphasizes the integration of theory and practice, cultivating students' practical skills and innovative thinking through design workshops, internships, and industry-academia collaborations.

Lorena Alessio

Lorena Alessio graduated from the Politecnico di Torino, she got a Master of Architecture at Pratt Institute, New York and a Ph.D. at Nihon University in Tokyo. She is a professor at Feng Chia University in Taichung. Since 1999, she

has been leading LAA architectural office, with several international works.

ITESO, Universidad Jesuita de Guadalajara, Tlaquepaque, Mexico

With 60 years of tradition, the ITESO School of Architecture is part of Guadalajara's rich architectural heritage, influenced by Luis Barragán. Its humanistic and sustainable approach shapes critical and creative architects committed to their social and environmental context. Through community engagement, experimentation, and innovation, it integrates technology and design with an ethical vision. Its faculty and academic events foster dialogue and reflection on the role of architecture in society.

Sandra Valdés Valdés

Sandra Valdés Valdés, architect and coordinator of the ITESO Architecture program, is the founder of Anillo Primavera AC, focused on the conservation of the La Primavera Forest. With a master's in history and as a PhD candidate, she integrates research, teaching, and environmental management in her academic and professional work.

School of Architecture at the Central Academy of Fine Arts (CAFA), Beijing, China

The School of Architecture at the Central Academy of Fine Arts (CAFA) was officially established in 2003. Rooted in the century-old artistic heritage of CAFA, a world-renowned institution for fine arts, the school has developed an architectural education system aimed at cultivating «creative architectural talents with artistic

and humanistic qualities». It comprises four departments and five divisions: the Department of Architecture, the Department of Interior Design, the Department of Urban Design and Planning, the Department of Landscape Architecture, the Foundation Division, the Graduate Division, the Academic Division, the External Relations Division, and the Exhibition and Publishing Division.

Zhu Pei

Zhu Pei, born in Beijing and studied at Tsinghua University and UC Berkeley, founded Studio Zhu Pei in 2005, and from there he has produced an extraordinary corpus of cultural works that have made him one of the leading figures of his generation. Marked by his American experience, which includes teaching at Harvard and Columbia, he is the current Dean and professor of the School of Architecture at Central Academy of Fine Arts in China, and visiting professor at Yale University. He was recognized with Honorary Fellow of the American Institute of Architects (AIA) for his contribution to architecture.

School of Architecture La Salle Barcelona (ETSALS), Spain

The learning experience in Architecture at La Salle combines practical work with technical and humanistic courses through a learning-by-doing approach. With Barcelona as a classroom, the campus as a living lab, and an international network as a global workspace, students engage with renowned architects. Moreover, the personalized methodology allows them to tailor their studies to their individual sensitivities, offering multiple paths to explore architecture.

Josep Ferrando

Barcelona architect and director of Josep Ferrando Architecture, he embraces a multifaceted vision of architecture, combining his roles as a craftsman, academic – dean of ETSALS – and cultural manager – former director of the Open Architecture Center at COAC.

**Thomas Jefferson University,
Philadelphia, Pennsylvania,
United States**

Thomas Jefferson University, founded in 1824, is a preeminent national doctoral university delivering high-impact education in 160 undergraduate and graduate programs in the sixth largest city in the USA. Jefferson is a top-ranked National Research University, and hosts extensive pioneering research institutes, centers and labs. These facilities enable interdisciplinary collaboration among faculty, students and researchers to tackle urgent issues like climate change and social justice.

Lisa Phillips

Lisa Phillips, NCIDQ graduated from Temple University and is an Associate Professor of Interior Design at Thomas Jefferson University in Philadelphia. Her areas of research focus on design pedagogy and the study of the senses as they relate to the user experience in built environments.

David Breiner

David Breiner graduated with a Bachelor of Architecture (University of Notre Dame) and a Ph.D. in the History of Architecture & Urbanism (Cornell University). An Associate Professor at Thomas Jefferson University, his scholarship focuses on architectural history in the USA and in Renaissance Italy.

**TU Delft, Faculty of Architecture and
the Built Environment, Belgium**

The Faculty of Architecture and the Built Environment at TU Delft plays a leading role in education and research worldwide. The driving force behind the faculty's success is its robust research profile combined with the passion and creativity of its academic community, which is dedicated to improving the built environment through a broad set of disciplines. The faculty works closely with other faculties, universities, private parties, and the public sector, and has an extensive network in the Netherlands as well as internationally.

Georg Vrachliotis

Georg Vrachliotis is Professor and Head of the Department of Architecture at TU Delft, where he leads the pioneering Design, Data, and Society Group. His research and curatorial work explore the intersections of architecture, media, and technology. He previously served as Dean at KIT and as senior researcher at ETH Zurich.

Università Iuav di Venezia, Italy

Born in 1926 as the Higher School of Architecture of Venice, Università Iuav di Venezia is today a small-sized university with a strong experimental vocation: the first among Italian universities to introduce design laboratories, its didactic model combines theoretical training in the humanities with laboratory work oriented towards making and experimentation, coordinated by architects, artists and designers.

Benno Albrecht

Benno Albrecht has been rector of Università Iuav di Venezia since 2021.

He completed his studies at Iuav with Vittorio de Feo and he then worked with Vittorio Gregotti and Leonardo Benevolo. He received architectural prizes for his projects and buildings, he won design competitions and his projects were shown in Italy and abroad.

Angelo Maggi

Angelo Maggi is professor of Architectural History, History of Architectural photography at Università Iuav di Venezia. He earned his PhD in Architecture and Visual Studies at the Edinburgh College of Art. He is full member of the PhD School in History of the Arts (Ca' Foscari University Venice) and he is acting as Vice-Rector Iuav for International Relations.

Roberta Albiero

Roberta Albiero (1965) is a professor of Architectural and Urban Design at the University Iuav of Venice. Her current research focuses on Italian architecture of the late 19th century, particularly on museography and exhibitions, as well as the relationship between architecture, archaeology, art, and the landscape of the Venice lagoon.

Michel Carlana

Michel Carlana (1980) graduated from the Università Iuav di Venezia, where he currently carry out collaborative and research activities. With Luca Mezzalana and Curzio Pentimalli, in 2010, he founded the architectural office Carlana Mezzalana Pentimalli based in Treviso, Italy.

Fernanda De Maio

Fernanda De Maio (1967) Architect and PhD in Urban Design, graduated from the Università di Napoli Federico II. She is currently Full Professor of Architectural Design at the Università Iuav di Venezia. She was co-founder

of the architectural office Na.o Mi. and from 2008 Consultant for Architecture of the Im.Ing Engineering based in Naples.

Antonella Gallo

Antonella Gallo, architect, PhD in Architectural Composition, is a Full Professor of Architectural and Urban Composition. She is the Coordinator of the PhD program in Architectural Composition at the Doctoral School of the Università Iuav di Venezia.

Simone Gobbo

Simone Gobbo (1980) graduated from the Università Iuav di Venezia, where he currently carry out collaborative and research activities. With Alberto Mottola and Davide De Marchi, in 2007, he founded the architectural office DEMOGO based in Treviso, Italy.

Guido Morpurgo

Architect and National Academician of San Luca, he is an associate professor of interior and exhibition design at Iuav. After having been associate in the firm Gregotti Associati, he founded in Milan the studio Morpurgo de Curtis Architetti whose works have received several awards.

Quaderni luav. Ricerche *luav at Work*

The series of volumes in the collection Quaderni luav. Ricerche *luav at Work* is published as part of the 19th International Architecture Exhibition of Venice, within the *luav at Work* project, as an extension of the Venice Pavilion into the urban territory. The list of published books can be found at the link provided by the following QR code.

