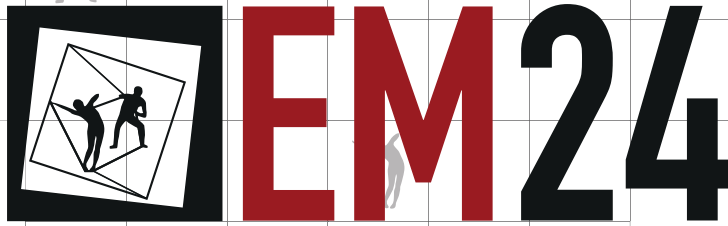


PUBLICA



EM24

EURAU - EUROPEAN RESEARCH ON ARCHITECTURE  
AND URBANISM INTERNATIONAL CONFERENCE

IN-PRESENCE /  
THE BODY AND  
THE SPACE

The role of corporeity in the era of virtualization

Edited by: Marco Bovati, Anna Moro, Daniele Villa

ISBN: 978 · 88 · 99586 · 40 · 9

Marco Bovati, Anna Moro, Daniele Villa  
IN-PRESENCE / THE BODY AND THE SPACE.  
The role of corporeity in the era of virtualization  
© PUBLICA, Alghero, 2024  
ISBN: 9788899586409  
Pubblicazione luglio 2024

Tutti i testi di PUBLICA sono sottoposti a double peer review.

PUBLICA  
Dipartimento di Architettura, Urbanistica e Design  
Università degli Studi di Sassari  
[WWW.PUBLICAPRESS.IT](http://WWW.PUBLICAPRESS.IT)

# TABLE OF CONTENTS

16	<b>MARCO BOVATI, ANNA MORO, DANIELE VILLA</b> <b>Spaces, Bodies, Design - A Multidisciplinary Perspective</b>
21	<b>/ COMMITTEES</b>
25	<b>/ KEYNOTE SPEAKERS</b>
27	<b>1 / CONCEIVED</b>
29	ID002 NADIA AMOROSO Visualizing climate action in urban design and landscape architecture. Strategies and impact
33	ID005 JOSEP MONTAÑOLA, MARGARET KRAWECKA, MAGDALENA SAURA Architecture and corporeity. Towards a new concept of place-making
37	ID009 LAMIA ABDELFATTAH, MATTEO ARIETTI, ANDREA BALESTRINI, CHRISTIANE BURKLEIN, GIULIA CASTELLAZZI, DIEGO DEPONTE, ANDREA GORRINI, VIRGILIO DÍAZ GUZMÁN, ZAYNEB KADIRI, GIULIO MARZULLO, FEDERICO MESSA The anatomy of public space. A multidisciplinary perspective
41	ID010 JORGE RAMOS-JULAR, FERNANDO ZAPARAÍN-HERNÁNDEZ Body-space relations in Bill Viola's audiovisual scenographies
45	ID012 ZHENGWEN ZHU Approaching the playground. Spatial practices for the body
49	ID020 MARÍA REDONDO PÉREZ Products, atmospheres and interactions. Relations between the body and Light Art
53	ID023 DIANA SALAHIEH, LAYLA ZIBAR, IRENA FIALOVA Exploring narrative research methods for an embodied reading of Prague's walkability
57	ID025 DANIELA COPPEDE PACHECO CIONI COPPOLA Diagramming & mapping. The underlying system of architecture
61	ID028 ALESSANDRO DI EGIDIO Fighting technological alienation. Performing media as a sustainable practice of human-machine symbiosis

65	ID034	SARAH JAVED SHAH, LIHENG ZHU The [socio-cultural] production of space. Doorstep: Exploring threshold in non-western contexts
71	ID035	FRANCESCA BERNI The weather body, the water space. Exploring the landscape as technological environment
75	ID040	CIGDEM AKIFOGLU, PELIN DURSUN ÇEBİ Bodily experiences on paper space. Imaginary narratives
79	ID041	BEATRICE LAMPARIELLO, SILVIA GROAZ From object to subject. The body architecture of Hans Hollein
83	ID042	LAURA SUVIERI The silent body. Exploring the neglected nexus of type, materiality, and human perception in Carlos Martí Aris
87	ID044	INÊS SALGUEIRO, RUI AMÉRICO CARDOSO, LUÍS S. VIEGAS On the importance of the body's experience in space and the act of drawing for the architectural conceiving process
91	ID046	MARIO COPPOLA Coexistence: The goal of architectural composition now. Architecture as trespassing tool to embrace culture, body, Earth
95	ID047	ANNA PROSKURIAKOVA Reimagining interaction between Industrial heritage and human bodies. Revitalization of post-industrial areas as an opportunity for small and medium-sized Italian cities
99	ID048	NILSU ALTUNOK, PELIN DURSUN ÇEBİ Looking at the city from our body through the "Walkers' Handbook or a Walking Lexicon"
103	ID049	MINGYUE ZHANG, JIN BAEK The body in architectural experience. Merleau-Ponty's phenomenology interpreting the strolling spaces of traditional oriental gardens
107	ID050	ANTÔNIO FREDERICO LASALVIA Paxton after Paxton: Form as formlessness in the dance of architecture
111	ID055	ROBERTO PODDA Eye-foot-hand. Actuality of a phenomenology of bodily life in the "exponential" space
115	ID060	GAMZE SENSOY Tracing the experience through the metamorphosis of body-space relationship
119	ID063	ZÜMRÜT SAHİN The artist's studio unveiled. Exploration of practice, body, and space
125	ID067	RAFAËL MAGROU Re-composing the theatrical space from the fourth wall
129	ID068	FRANCESCA CASALINO Dancing bodies. Anna Halprin and her workshops at Dance Deck and beyond
133	ID071	EZGI SELİN KARADEM, ET AL. How do we use our bodies to investigate our surroundings? Deciphering the individual and collective narratives of the architects
137	ID072	BEATRICE-GABRIELA JÖGER Between virtual and corporeality. Challenges in experiencing architecture today
141	ID073	ELİF CEMRE ÇELİKCAN Spatial cognition and representation of a verbally experienced environment. A study on preschool children's spatial construction through drawing
145	ID074	GEON-IL LEE, JIN BAEK Questioning the meaning of 'atmospheric'. A foundational study on climatic approach to 'atmosphere'

- 149 ID081 ZÜMRÜT SAHİN, NILSU ALTUNOK, PELİN DURSUN ÇEBİ, FATMA ERKÖK  
Performing the everyday. Temporal spatiality constructed by body movements
- 153 ID085 YUE ZHONG  
Touching the surface "Nahsicht" theory of Alois Riegls in tactile interaction between body-space
- 157 ID087 VALENTINA RADI  
Generative thresholds. The simultaneity of passages
- 161 ID090 FRANCESCA COPPOLINO, VINCENZO VALENTINO  
Spectrographies. Body, cinema, memory in the architectural project
- 165 ID095 ANDREA CRUDELI  
The corporeal imagination of tactility. The methodology of Harquitectes
- 169 ID096 PABLO BERZAL CRUZ  
Performing space. An approach to architecture through performance
- 173 ID097 MELIKE NUR SAHİN  
Transformation of the objective-subjective dialectic in the body-space relationship throughout architectural periods
- 177 ID099 MARTINA CARANDENTE, ANNUNZIATA AMBROSINO  
Space and rhythm. The cult of the body
- 181 ID102 FÜLYA SELÇUK, FERHAT HACIALIBEYOĞLU  
From me/my body to margin: Discovering the minor spatialities of daily life through subjective trajectories
- 185 ID105 DEMET SATI, PELİN DURSUN ÇEBİ  
Rethinking the body-space dynamic: Space as a body.  
A comprehensive investigation through phenomenology and language
- 189 ID108 VOICA MARIUS, MARIA TÎLVESCU-NICULA, MARIA-CRISTINA CLENCIU  
Unique experiences in the approach of architectural education
- 193 ID109 LINGZHENG ZHU  
Writing as Cosmogogenesis. A Chinese genealogy of bodily traces in digitally augmented spaces
- 199 ID110 SIMONA CAPALDO  
The transitional project for disused buildings. An alternative to the vulnerability of bodies and spaces for another way of doing architecture
- 203 ID115 TIANQIN CHEN, ANTÓNIO CARVALHO  
Integration of aesthetics and accessibility. Enhancing living spaces for ageing communities
- 209 ID117 PAOLA BUCCARO  
Beyond the threshold: The effects of the dematerialisation on the relationship between city and home
- 215 ID120 FRANCESCO TOSETTO  
Natural tension. Myth, shape, body
- 217 ID127 LEONOR REIS, CARLA GARRIDO DE OLIVEIRA, FILIPA DE CASTRO GUERREIRO  
Fragmented narratives: Drawing memory and time in the scarp of Fontainhas
- 221 ID129 ESTHER LORENZ  
The Augmented Kinesthetic City. Embodied experience of Hong Kong's urban morphology
- 225 ID130 SEGAH SAK  
Ankara train station as a locus of conflicts

- 229 ID132 AI CHENG, WU YUE, FILIPPO ORSINI  
The interplay of action art and architectural spatial practice. A case study of Chengdu
- 233 ID134 ANGELO GANAZZOLI  
The tomb as an architectural garrison in the era of virtualization.  
The recovery of the sacred dimension of architecture
- 237 ID135 TIAGO ASCENSAO  
Ready-made architectural processes: Re-signification of reality as a solution
- 241 ID137 SARA GALANTE DE CAL  
From 'common place' to a 'place in common' through architectural design
- 245 ID139 GIACOMO D'AMICO, ROSA MARINA TORNATORA  
Designing beyond Earth. An evolution in body-space-architecture paradigm  
for space design
- 249 ID142 MARTINA RUSSO  
Ludomestic. Critical perspectives on dwellings, from standardization to  
Reversible Destiny lofts by Arakawa+Gins
- 253 ID148 MARTINA CRAPOLICCHIO, SANTIAGO GOMES, ROSSELLA GUGLIOTTA  
Elements of everyday life. Domestic spaces and actions in a pedagogical experiment
- 257 ID150 JEONGHEE KO, BAEK JIN  
Reimagining Myeongdong. An act-oriented approach to urban resilience and adaptation
- 261 ID153 LUÍS CARLOS BUCHA  
The shell as spatial emergence: A house for and from the body
- 265 ID173 YIDAN LIU, MARCO BOVATI, PAOLO VINCENZO GENOVESE  
Cultural narratives in transitional spaces of Miao Villages.  
A case study of Guzang Festival and Jiubai Village
- 269 ID174 CARLA COLLEVECCHIO  
Corporeal landscapes: Sculpture as a pedagogical device
- 275 ID177 MARIA LUNE NOBILE  
The city as a laboratory. Investigating body space interactions in the contemporary city
- 281 ID181 BILGE CAN, FATMA ERKÖK  
Critical potentials of embodied mind through the works of Raumlabor
- 285 ID184 MARGARITA DANOU, SEVINA FLORIDOU  
Voroklini coastal promenade and re-configuration of the Verki coastal estuary
- 289 ID190 ELIF CEMRE ÇELIKCAN, ASLIHAN SENEL  
Spatial correlators in the functioning of autobiographical memory:  
wandering through Virginia Woolf's home
- 293 ID194 OZAN AVCI  
The Body as the site of architectural knowledge
- 299 ID205 MICHELA BAROSIO  
Types, codes and algorithms for a perception's centered design
- 303 ID206 GIANLUIGI DE MARTINO, VIVIANA SAIITTO, STEFANO GUADAGNO  
Not only human. Not only terrestrial. Teaching through the measurement  
of body and space
- 307 ID212 CLAUDIA PIRINA, GIOVANNI COMI  
To the rhythm of dance. Interactions between body, light and architecture
- 311 ALISIA TOGNON  
1/ ENDNOTES

**313**     **2 / INTER-ACTIVE**

- 315**     ID004     LUCA LAZZARINI, GLORIA LISI, MARO MAREGGI  
The Walking Body. A reflection on the walking–design relationship based on the experience of Laboratorio del Cammino
- 321**     ID006     DAFNI RIGA  
Bodies on the move. Exploring the effects of speed in the body-space relationship
- 325**     ID008     ALBA BALMASEDA DOMÍNGUEZ  
Bodies, water and the city: Collective bathing in urban surroundings
- 329**     ID021     NICOLETTA BRANCACCIO  
Embodying the oblique. How space coding and construction of reality can explain the relation between space and emotions
- 333**     ID024     BELEN ZEVALLOS BORGES  
Making a case for space in schools. The learning landscape of Wütoschingen
- 337**     ID030     SIDDHARTH SRIVASTAVA  
The body and its urbanity. Cities in India
- 341**     ID033     YOURI SPANINKS AMARO  
The body is the machine. Interpreting Lisbon’s threshold spaces through corporeity
- 345**     ID036     CAROLA D’AMBROS  
How body shapes architecture. The immersive experiences of Villa Fontana and the Twin Villas
- 349**     ID037     SILVIA SFLIGIOTTI  
The art of arriving. A somatic approach to a critical understanding of the built environment
- 353**     ID039     BUKET SAMANCI, IREM SÜTÇÜ  
Dynamic interactions between boundary and the body: Instantaneous spatial formations
- 357**     ID045     SUSANA VENTURA  
The composition of architectural sensations: Blocks of intensive body-space and their potential to transform environmentally-sensitive architecture
- 361**     ID054     CHRISTINA GEORGA  
When cinema introduces the new embodied spatial experience. Regaining hapticity through the cinematic lens of Michelangelo Antonioni
- 365**     ID058     RAFFAELLA CAVALLARO  
The pedagogical value of the body in the design of contemporary learning spaces. Giving the child back his ninety-nine worlds
- 371**     ID059     ROBERTO JUAN CARDINI  
Interactions in the processes of occupation and appropriation of space. Interpretation of practices in the Mercato Sonato, Bologna
- 375**     ID065     IPEK ÖZER  
Reading body and place relationship through public art
- 379**     ID069     SEÇİL YATAN GÜL, ASLIHAN SENEL  
Notational Drawing. A study of an embodied knowledge of architectural space
- 383**     ID070     FRANCESCO IULIANO  
The interaction inhabitant-space as a design tool. How an inhabitant-centred design approach can shape the renewal of the existing building stock
- 387**     ID080     NATALIA MATESANZ VENTURA  
Affectent bodies and spaces in the reshaping of the established city. Urban communes and counter-drag in the free city. San Francisco, 1966-75

391	ID084	INÊS SALEMA GUILHERME, RUI JORGE GARCIA RAMOS, GISELA LAMEIRA Everyone and everywhere. Intergenerational practice as evidence of the bodies in the space
395	ID086	GIULIA AZZINI The human scale of riverscapes. A body-centered perspective for fragile territories
399	ID092	THIRUNESHA NAIDOO Interactive designed public spaces: Shaping Melbourne's general markets through performativity and performance
403	ID093	CASSANDRA COZZA Children architectures. Spaces for discovering and caring inhabited by different and changing corporealities
409	ID100	GIANFRANCO ORSENIGO "You must have been there". Designing re-socializing spaces within prisons
415	ID106	FRANCESCA MUSANTI, ANDREA MANCA, CLAUDIA PINTOR Sensitive places. A phenomenological perspective for accessible design
419	ID124	MAHDI ALIZADEH The pursuit of presence in Siza's architecture. A phenomenological narrative of Piscina das Marés
423	ID131	MARIA OLIVEIRA EPIFÂNIO DA FRANCA, ANA SOUSA BRANDÃO ALVES COSTA A journey around my apartment. The relationship between dwelling and the COVID-19 pandemic lockdown
427	ID136	ELEONORA ANTONIADOU The body as a tool in architectural pedagogy. Global tools Body Workshops
431	ID140	GLORIA CALDERONE Designing bodies: New challenges for a more corporeal urbanism
435	ID141	ANDREA SCALAS Grounding. Body and contact with prehistoric matter
439	ID155	ANDRÉS SEÑORET Does social interaction at a street level promotes community ties? Density, diversity, bodies and affect in neoliberal downtown Santiago
443	ID157	ANDREA MANCA The maieutic value of form. A genealogical ramification of engagement in architectural and urban project
447	ID166	BARBARA COPPETTI Retrospective   Prospective. The body inhabits the world
451	ID170	JAVIER SÁNCHEZ MERINA Microarchitectures. Exploring intimate connections between body, space, and the understanding of diverse realities
455	ID171	PAOLA SCALA Traces, bodies and the public space
459	ID172	YIORGOS HADJICHRISTOU Body in space. Space as a body. Interaction of bodies in Malleable courtyards
463	ID182	BILGE CAN, FATMA ERKÖK Searching for the traces of avant-garde theory in practice. A parallax view of Diller and Scofidio
467	ID191	E. BURCU ERYILMAZ Les immatériaux and the paradigm of interaction
471	ID193	ORFINA FATIGATO Project as a process of transition: Precision, adaptability, indeterminacy



- 477 ID195 SORAIA PATRÍCIA ANTUNES DOS REIS, CARLA GARRIDO DE OLIVEIRA , FILIPA DE CASTRO GUERREIRO.  
Cross-border cooperation: For a sustainable territorial planning. Insights from Rio de Onor and Rionor de Castilla in the northwest of the Iberian Peninsula
- 481 ID200 NEIL LAMB, WHITNEY BEVAN, MARÍA JOSÉ MARTINEZ SANCHEZ  
Enhancing student learning, inclusivity, and a sense of belonging in higher education through community engagement and civic projects
- 485 ID203 GERARDO SEMPREBON, CHANG LIU, ZHI LEI  
The enigma of density. Testing design proposals to revitalize Hua'anli urban village (Wuhan)
- 489 ID216 CRISTELLE LECOEUR  
First semester in architecture: A body confronted with the reality of suburban spaces
- 492 STEFANO SARTORIO, FRANCESCO AIROLDI  
2/ ENDNOTES

### 495 **3 / AFFECTED**

- 497 ID007 AIKATERINI ANTONOPOULOU, SEBASTIAN AEDO JURY  
The body of the crowd as a cartographic tool through the Kill the Bill movement in Bristol
- 501 ID027 JULIA NERANTZIA TZORTZI, MARIA STELLA LUX  
Citizens as main characters in urban adaptation. People's experience and contribution in the development of Decision Support Systems
- 505 ID056 ALESSANDRO GAIANI  
Post natural inclusion
- 509 ID061 CINDY MENASSA-KÜELBY  
Rethinking design: Body, behavior, nature, and our role in balancing ecosystems
- 513 ID062 FRANCESCA DI FUSCO  
Interdisciplinary dialogue: Body, space and well-being. The impact of architectural and urban configurations on paces of care
- 517 ID078 SARA NAFI  
Exploring the synergy between transit-oriented development and architectural humanism. Qatar's transit evolution: bridging architecture and urban living
- 521 ID079 CICEK KARATAS  
Navigating fragility and urban memory: The role of the Beledna Memory Map in preserving intangible cultural heritage post-earthquake in Antakya, Hatay, Turkey
- 525 ID089 FRANCESCA MELINA  
A paradigm of the contemporary city: Temperature as embodied perception
- 529 ID091 ZHENG WU  
Wind-driven urban design. Design urban ventilation corridors from the block scale
- 533 ID098 DANIELA BUONANNO, LUCIANA MACALUSO  
Tree-space-body. Urban forestry in Naples and Palermo
- 537 ID101 DEEMA ALATTAR  
Examining outdoor thermal comfort and the use of public transportation system: A sustainable approach for Qatar's rapidly evolving cityscape
- 541 ID118 CATARINA FREITAS, GISELA LAMEIRA  
Visual urban quality and health. A pre-intervention analysis method
- 545 ID121 GENNARO VITOLO  
Contemplation and rebirth: Cemeteries between atmospheres and inner journeys

- 549 ID122 GRETA CALIENDO  
Cultural heritage and public space. Affecting social complexity of Contemporary City
- 553 ID138 FRANCESCA ZANOTTO  
Diverse bodies, multiple scales: Architectural strategies for urban biodiversity
- 559 ID144 GIOVANNI COMI  
Thinking in architecture. Matter as mediation between body and nature
- 563 ID152 ALESSANDRO FRIGERIO, LAURA MONTEDORO  
Overtourism in UNESCO sites and its effect on urban public space. An EU project experience of research by design in Athens, Florence and Krakow
- 569 ID158 AYELEN BETSABE ZUCOTTI  
The tags associated with the Munch Museum and its relationship to the Oslo community
- 573 ID159 KRYSTALLIA KAMVASINOY, LORENZO STEFANO IANNIZZOTTO  
Bodies in the Void: Addressing socioecological challenges through temporary practices in *Terrain Vague* sites
- 577 ID168 NADIA MOUNAJJED  
The body and the architectonics of the desert
- 581 ID179 FRANCESCO AIROLDI  
Every-Body. Spatial education as a co-design strategy for disaster risk reduction, disaster risk mitigation, and climate change adaptation
- 585 ID180 HOCINE ALIOUANE-SHAW  
Using situated pedagogies and the concept of interdependence to engage with the environment and call its future into being
- 589 ID186 SILVIA DI MAURO  
Relational stratifications. Body-centered approaches for an adaptive reuse strategy
- 593 ID189 ALESSANDRA SWINY, MARIA HADJISOTERIOU, TERESA TOURVAS  
Unsettled. Creating community in a displaced environment
- 597 ID209 SILVIA BASSANESE  
Bodies - Figure[s] - Ground[s]. Practices that enable conflictual society to find form of coexistence
- 601 ID210 ALISIA TOGNON, EKIN OLCAY  
Mountainous Mastery. Architectural adaptations and urban fabric in Trentino's challenging terrain
- 607 ID213 YI GUO  
The affected body in hyper-dense urban habitats: Exploring embodied architectural experiences in Hong Kong and Shenzhen
- 610 SILVIA DI MAURO, KEVIN SANTUS  
3/ ENDNOTES

## 613 4 / VULNERABLE

- 615 ID017 ALLANA AVILA DORNELES  
Vulnerability and Neuroarchitecture. Approaches to care in healthcare environments: a narrative review
- 621 ID032 MICHELA BASSANELLI, CAROLA D'AMBROS  
Bodies, Work, Care. How office and domestic space is changing
- 625 ID043 NADIA MOUNAJJED  
Pedagogies of care: Practices and methods for a non-ableist body-centered design

629	ID052	LUCA LANA The Gardening Body: The queer ecology of Prospect Cottage
635	ID053	FABIOLA CRISTALLI Sewing along the borders. Spaces and identities in and through modern cross-border cities
639	ID066	GAMZE AKYOL, EKIN OLCAY Echoes of heritage: Navigating the intangible heritage and urban memory in the post-disaster
645	ID077	ANGELA COLUCCI, ANTONELLA CUPPARI, ANNA SCHELLINO Diversity as a resource for inclusive public city. Exploratory walks for public city co-production and co-design
651	ID088	SARA RICCARDI The invisible ones: Bodies and spaces of the Italian prison in the 21st century
655	ID104	CLAUDIA PINTOR, ANDREA MANCA, FRANCESCA MUSANTI As many people, in as many places, as possible. A hypothesis of phenomenological approach to accessible project
659	ID114	FRANCESCA RIPAMONTI Shaping new and diverse gestures. A qualitative approach to the design of Healthcare Centers
663	ID116	INÊS ANDRADE, LUCIANA ROCHA Architecture in conflict. Dichotomies on current challenges in state-subsidized neighbourhoods in Oporto, Portugal
667	ID126	MARIO GALTERISI Built spaces, vulnerable bodies. A study on the influence of stigma in architecture
671	ID133	MICHELA VANDA CASERINI Beyond the ring-road: Ethnographical reading of a spontaneous settlement in Maputo
675	ID146	FIDEL MERAZ, ELEONORA NICOLETTI, MERATE BARAKAT Architectural inclusivity: Adaptive spaces for aural wellbeing of individuals with dissimilar sensorium
679	ID147	MARGARIDA PINHAL, FILIPA DE CASTRO GUERREIRO, CARLA GARRIDO DE OLIVEIRA The palimpsest, strategies to drawing multiples spaces to multiples communities. Martim Moniz, Lisbon
683	ID160	ARIANNA SCAIOLI Empowered bodies. The legacy of Tschumi's work as a driver for social and spatial transformation
687	ID161	MARIANA AGUIAR ANTUNES, CARLA GARRIDO DE OLIVEIRA, FILIPA CASTRO GUERREIRO Res-publica: The social role of architecture and urban design in the production of public housing in Porto
691	ID162	EMILIA CORRADI, CAMILLO FRATTARI Addressing vulnerability through place-based knowledge and co-design practices
695	ID169	SILVIA DI EUSANIO Rethinking urban spaces: An intersectional perspective
699	ID178	CAMILLA CASONATO Standing around the model. Bodies, participation, and landscape representation
703	ID185	ANGELA KYRIACOU PETROU, MARIA HADJISOTERIOU Design practices of inclusion
707	ID187	SAMER WANAN Child's play in the Palestinian landscape: On vulnerability & attachment
711	ID198	FRANCESCO STEFANO SAMMARCO, ANNA TERRACCIANO From Limit to Limine. Piazza D'Armi in Nola: from marginal place to new gateway to the city

- 715 ID201 CAMILLA CASONATO, ERICA CANTALUPPI  
Heritage, community, and education. The case of Museu da Cidade in Sao Paulo
- 719 ID202 GERARDO SEMPREBON  
Architectural design to regenerate fragile buildings in rural China
- 723 ID208 MARIA FIERRO  
The "invisible" spaces of marginality: The case of Roma communities
- 727 ID214 DIOGO FARIA  
Queer spaces of the cityscape of Funchal
- 730 ARIANA SCAIOLI  
4/ ENDNOTES
- 733 5 / AUGMENTED**
- 735 ID011 ALEKSANDAR DUNDJEROVIC, STEPHEN SIMMS, MARIA MARTINES SANCHEZ  
Body-centred strategies of urban scenography and cybernetic theatre: Two practice-based research case studies 'The Cybernetic Cabaret' and 'Looking for Andy'
- 739 ID013 ASMA MEHAN  
Corporeality in Virtual Spaces: An exploration through AR/VR Technologies
- 743 ID014 AARON PATERSON, MARIAN MACKEN, SAROSH MULLA  
Embodied Drawings and Virtual Twins
- 747 ID015 TINO GRISI  
The generative artificial intelligence as tool of human augmented intuition and sensitivity in architecture
- 751 ID016 ADEL FERNANDO AL BLOUSHI  
Virtual postures. Presence and simulated spatial phenomena
- 755 ID018 JENNIFER SHIELDS, ANNA OSELLO  
Cultural heritage and augmented, mixed, and virtual realities: Accessibility and inclusion for people with disabilities
- 759 D019 STEFANIA RASILE  
Architecture, death and the digitalization of memory: Cemeteries in virtual commemoration times
- 763 ID022 ANDREEA-GABRIELA NISTORESCU (MARINESCU)  
Synthesis and synergy. The role of human-centered design in interior architecture and the dynamic interplay between physical and virtual environments
- 767 ID029 NERANTZIA TZORTZI, TARA SAHAFIAN  
Analysis of water element integration in the architecture and landscape of Persian Gardens amid the hot and arid climate of the Iran's desert
- 771 ID038 JUAN CARLOS DALL'ASTA, JOHN LATTO  
Reimagining body-space dynamics: Lessons from Shanghai, the contemporary land of Toys
- 777 ID051 ELENA ROCCHI, ELIZABETH LERMAN  
Principled innovation in immersive learning environments: A roadmap for transformative change at Arizona State University's Herberger Institute for Design and the Arts using "technologies of human expression"
- 783 ID075 CUI LIU, ZHIYUAN GU  
An assessment framework of physical-virtual publicness in public space
- 787 ID076 MAGDALINI GRIGORIADOU, GIORGOS LOUKAKIS, THEMISTOKLIS LEKKAS  
Beyond reality: Exploring embodiment-disembodiment in mixed reality environments with non-euclidean geometries, innovative navigation modalities and perceptual dissociation in video games

- 793** ID111 VALENTINA RIZZI, DANIEL BARBA-RODRÍGUEZ  
Virtualizing bodies in transformative platforms of corporeality: Embodied visualisation over flesh boundaries
- 797** ID113 ANDREEA ROBU-MOVILA  
Neuroarchitecture. From effective computing to affective computing in the design process
- 801** ID128 SARA ANNA SAPONE  
Transformation of an anthropic ecosystem. Esseburg Park between physical experience and digital representation
- 807** ID156 SARA CODARIN, KARL DAUBMANN  
Humanizing VR: Foregrounding the role of the body in digital twins
- 811** ID163 GIOVANGIUSEPPE VANNELLI, MONICA ROSSI-SCHWARZENBECK  
When the body-space relationship needs wider understanding to foster participation. A strategy to integrate reality, virtuality and stakeholders in post-disaster design
- 815** ID176 DARIA BELKOURI, PRITCHARD DOUGLAS  
Reclaiming the city for people. Digitisation of city walks to enhance urban co-creation
- 819** ID183 CAROLINA PACCHI  
Just cities in the digital era. Hybrid spaces, bodily presence and planning
- 823** ID192 ALVARO GONCALVES, PEDRO GUILHERME, SOFIA SALEMA  
Rescuing an Unfinished Vision: A representation of the semi-dome of the Malagueira neighbourhood through Immersive Virtual Reality
- 827** ID199 MARKELLA MENIKOUI, ADONIS CLEANTHOUS  
Prosthetic intelligence: Bridging the corporeal-ethereal gap in perceptions of space making
- 831** ID204 PRITCHARD DOUGLAS, DARIA BELKOURI  
Assessing quality in the convergence of the physical and virtual: Challenges and imperatives
- 834** GERARDO SEMPREBON  
5/ ENDNOTES

**Silvia Di Mauro**

Politecnico di Milano, Department of Architecture and Urban Studies DASTU

silvia.dimauro@polimi.it

# Relational stratifications.

## Body-centered approaches for an adaptive reuse strategy

### Key Words

Adaptive reuse, Affected bodies, Community, Resilience

In the context of the climate crisis, reflecting on the transformation of the existing built environment by focusing on the space-body relationship and the effect of space characteristics on it is a central theme in a resilient design perspective. Considering architecture as part of the climate [Till 2023] and, more precisely, as part of the built environment, one of the scalar climatic factors that affect the environment [Bovati 2017, p. 63], the phenomena of abandonment and underutilization of existing buildings emerge by relevance as a huge risk factor about the body. Abandonment inherently contains problems related to the exclusion of bodies. Here, the role of the body and the possibilities of space occupation claim a rethinking, even more so when the previous use provided for human exclusion, as in industrial or stocking spaces.

In the search for transformative strategies capable of reflecting on a renewed relationship between body, space, and environment, it is crucial to consider the relational shifts related to the role of the body introduced by the ecological paradigm.

During modern and techno positivism, in being immersed in a system that replicates its measures -man as measure and search for the standard- how its parts organized, or that meets its primary needs-The Cuchicle [1966] by Mike Webb- or related to consumption -Toyo Ito PA01 and PA02 [1997]- [Espuelas 2009] the body sees the partial exclusion of the role of the mind and immaterial relations in spatial experiments. Architecture here reacts to man as an individual, excluding intangible relationships.

The most significant experiences that reframe this view, characteristic of the last century, insist on the space-body relationship from a perceptual point of view. Those are connected to sensations and the irrational/behavioral side and also embedded in a community logic in which the intangible bonds between bodies occupy a primary role. Immersed in a scientific system

of measurements and data, in the age of climate change the irrationality of the body is not understood as the opposite of the scientific rationality of body measure or body organism but as complementary to it [Adams 2016, p. 190].

Excluding practices that don't question perceptual character focusing only on performance, innovation brought by a systemic logic of body involvement should, according to Kengo Kuma, aim to manifest the three-dimensional totality of place [Kuma 1997, p. 49].

While design experiments in this sense reevaluate the role of the nature and texture of climatic elements, using terminologies such as sensoriality and atmosphere [Berlinger 2021, p. 125], in the field of transformation of the existing words such as identity, and collective memory enrich the involvement of the body by going beyond reference to the individual.

In opening thinking from the needs of the body, to space dedicated to community, design thinking that aims for sustainability goes through a deep understanding of users' needs [Stone, 2020]. Design actions focusing on human and behavioral aspects in space must suggest environmentally friendly behaviors, leading modes of space use, and the relationship to the behavioral sphere in the center of thinking [Till 2012].

Supporting an idea of architecture that finds in precise formal qualities the possibility of framing a complex activity [Aris 1990], emerges several adaptive reuse practices that, working on the theme of engaging bodies through typological reasoning, propose ways of living that engage perceptions, memory, and the environment. Here, are pivotal attitudes oriented toward the interweaving of multiple interactions between systems (with climatic elements, urban space, plant elements, between levels of privacy) that use existing features to multiply the habitability of buildings.

The Lacaton e Vassal's transformation of 530 dwellings supports experimentation oriented to change the perception and spatiality of a building dedicated to users in fragile conditions. The research for a new interpretation of the building, based on giving a new comfort to inhabitants through the feeling, atmosphere, possibility of multiple uses, and connection with the context, takes shape in the double space through the minimal devices that composed the mediation between interior and exterior, identify a set of mutually related conditions and spaces.

When the transformation aim is public, designing the interpretability of ways of living is a fundamental element for the time-life of the building. Community centers, designed to accommodate differentiated amounts of people and spaces with overlapping uses distributed throughout the day, are places intrinsically connected to experimentation with modes of appropriation.

The Harquitectes' project Civic Centre Lleialtat Santsenca 1214 proposes an inward layering in the existing volume that, detached from the existing wall and with a double roof, forms an in-between of climatic mediation that allows the independent distribution of all spaces and some portions that can be opened during the seasons. The needs for aggregation- started bottom up by local associations- are interpreted in the arrangement of multiple informal spaces capable of accommodating different social behaviors in size and location. Instead of imposing arrangements of people, the architecture works on the theme of variation in a perspective of future interpretation in connection also with the outdoor climate.

In Architecten De Vylder Vinck Tallieu's PC Caritas or Unless Ever People project with BAVO, acceptance toward the impossibility of foreseeing the use of is the driving force behind a project dedicated to reconnecting psychiatric patients and social interactions. The delicacy of the theme led to deep reasoning regarding the possibilities of interaction between space, body/body, and perceptions. The interior of the building is presented as a public space in continuity with the park. The space works on the theme of persistence and flexibility to be an unfinished building that can be modified over time for experimental purposes. The design enhances the modes of movement, the possibilities of occupation, standing alone, and the aggregation of bodies, taking advantage of the specificity of the place and the relationship between temporalities.

The involvement of bodies according to multiple strategies related to perceptions, climate, and uses turns out to be central in thinking that takes an ecological stance toward proposing new ways of experiencing existing space. The uncertainty toward future needs and the failure of functionalist logic even about the effect on the body, shifts the focus from the search for a new use to the proposal of a way of living and perceiving space, through the present components: body/community, built space/existing stock, and climatic and plant environment.

The behavioral interpretation of bodies stimulates the formation of a space capable of holding together the role of the individual body and the community without contradiction, recalling perceptions open to both subjectivity and collective memory.

The discarded and extra space represented by abandoned buildings should be returned to the community as commons -even when belonging to the ordinary- and the project should

question how to affect habitability. New layering should release spatial potential, either through novel relationships with the environment, maintaining original use or subverting original distributional characters, or by investigating the possibilities of aggregation and exchange between bodies.

Although the single building scale can't solve individually broad urban problems, the direct relationship with the human dimension and the possible impact on the everyday life of these projects amplifies their importance and research possibilities related to spatial characteristics. Opening new points of view, new interactions in buildings in favor of an urban attitude directed toward adaptation, conditions behavior toward a more sensitive vision of the future, and if in connection with the environment, open to the sustainable interpretation of the inhabitants.

## ACKNOWLEDGMENT

This paper reflects on issues related to the research: "Tactical recycling. Transformation of ordinary architecture for the ecological transition of minor center" supervisor Marco Bovati, cosupervisor Andrea Oldani, in collaboration with the municipal administrations of Bottanuco, Lallio and Stezzano, PNRR scholarship of cycle 38, AUID PhD School, Politecnico di Milano, Department of architecture and urban design DASTU.

## REFERENCES

- Adams, R. E. (2016). An ecology of Bodies. In Graham J Blanchfield C. *Climates: Architecture and the Planetary Imaginary*, pp 181-190. New York NY - Zurich Switzerland: Columbia Books on Architecture and the City; Lars Müller.
- Arís, C. M. (1990). *Le variazioni dell'identità: il tipo in architettura*. Milano: CittaStudi.
- BAVO Architecten De Vylder Vinck Taillieu & International Architectural Exhibition. (2018). *Unless ever people*. Antwerp: Flanders Architecture Institute.
- Berlingeri, F., Cavallo, R., Corradi, E., De Boer, H. (Ed.) (2022). *Design actions for shifting conditions*. Delft: TU Delft OPEN Publishing.
- Bovati, M. (2017). *Il clima come fondamento del progetto*. Milano: Marinotti.
- Druot, F., Lacaton, A., Vassal, J. P. (2007). *Plus: la vivienda colectiva, territorio de excepción*. Barcelona: G. Gili.
- Espuelas, F. (2012). Corpo. In Espuelas, F. *Madre Materia*, pp. 121-140. Melotto, B., trad. Marinotti.
- H Arquitectes (2018). Civic Centre Lleialtat Santsenca. In Harquitectes. Appropriate, attractive, affordable. *AV Monographs* n 202. P 78-85.
- Götz, C., Cooper, I., & Paskaleva-Shapira, K. (2015). Small-Scale Projects and Their Potential for Urban Regeneration: Experiences from Eastern Germany. In *Economic and Business Review*, 17(2). <https://doi.org/10.15458/85451.11>.
- Kuma, K. (1997). Gardening vs Architecture. In *Lotus*, 97, p 46-49.
- Marini, S. (2016), Futurama. The language of innovation and the body of architecture. In Nava, C. (Ed.) *The laboratory city. Sustainable recycle and key enabling technologies*, Canterano: Gioacchino Onorati Editore.
- Till, J. (2023). Architecture Criticism against the Climate Clock. In *Architectural Review* n 202 April, pp. 6-10.
- Till J., "Scarcity contra Austerity. Designers need to know the difference", *Places Journal*, October 2012. Retreived Jan 31 , 2024 from <https://placesjournal.org/article/scarcity-contra-austerity/>.
- Stone, S. (2019), *Undoing buildings. Adaptive reuse and cultural memory*, New York: Routledge.



Marco Bovati, Anna Moro, Daniele Villa  
IN-PRESENCE / THE BODY AND THE SPACE.  
The role of corporeity in the era of virtualization  
© PUBLICA, Alghero, 2024  
ISBN: 9788899586409  
Pubblicazione luglio 2024

Tutti i testi di PUBLICA sono sottoposti a double peer review.

PUBLICA  
Dipartimento di Architettura, Urbanistica e Design  
Università degli Studi di Sassari  
[WWW.PUBLICAPRESS.IT](http://WWW.PUBLICAPRESS.IT)

