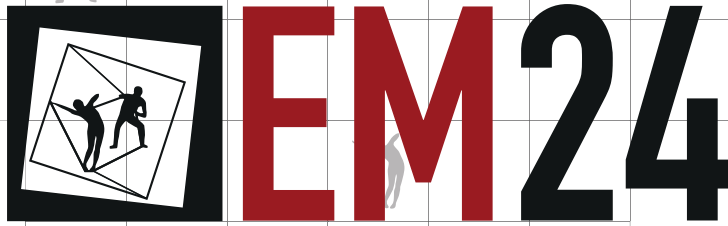


PUBLICA



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

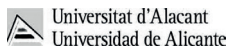
Tutti i testi di PUBLICA sono sottoposti a double peer review.

PUBLICA
Dipartimento di Architettura, Urbanistica e Design
Università degli Studi di Sassari
WWW.PUBLICAPRESS.IT

/ EURAU NETWORK

EURAU is a network of schools and researchers in Architecture which meets biannually in a symposium to share their investigations. EURAU's primary goal is to establish a debate and discussion on contemporary discourses about Architecture, City and Environment. This is a committed action organized by universities that contributes to the European Strategy for the transition towards a sustainable and inclusive society. Initiated by the French Ministry of Culture, EURAU has been active since 2004 organizing ten international conferences by different Schools of Architecture in various European cities: Marseille (2004), Lille (2005), Brussels-Liège-Mons (2006), Madrid (2008), Napoli (2010), Porto (2012), Istanbul (2014), Bucharest (2016), Alicante (2018), Birmingham-Staffordshire (2020-21).

The Department of Architecture and Urban Studies of the Politecnico di Milano organises at the School of Architecture Urban Planning Construction Engineering (AUIC), EURAU Milan 2024 "IN-PRESENCE / THE BODY AND THE SPACE - The role of corporeity in the era of virtualization", the eleventh edition of the international conference, which takes place from 19 to 22 June 2024.



/ EURAU Milan 2024

11th INTERNATIONAL CONFERENCE

EUROPEAN RESEARCH ON ARCHITECTURE
AND URBANISM INTERNATIONAL CONFERENCE

IN-PRESENCE / THE BODY AND THE SPACE

The role of corporeity in the era of virtualization

For those who deal with the city and the territory, space refers to the body
(C. Bianchetti)

The EURAU Milan 2024 Conference aims to unpack the significance of corporeality in contemporary times and its relevance for the upcoming years. Specifically, the focus is on the relation between body and space and how this relates to architecture, the city and the environment, interpreted as physical facts and processes. Within the background of a technological turn, the focus is now on what has changed or will further change in this relationship and what, on the opposite, remains unalterable, inherently bound to the material and impervious to the virtual.

TABLE OF CONTENTS

16	MARCO BOVATI, ANNA MORO, DANIELE VILLA Spaces, Bodies, Design - A Multidisciplinary Perspective
21	/ COMMITTEES
25	/ KEYNOTE SPEAKERS
27	1 / CONCEIVED
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 SUIVERI 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 FULYA 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

/ COMMITTEES

/ MILANESE ORGANIZING COMMITTEE

DAStU-Politecnico Di Milano

Marco Bovati – Chair

Anna Moro – Chair

Daniele Villa – Chair

Virginia Vecchi – Event Manager

Alisia Tognon

Gerardo Sempregon

Francesco Airoidi

Silvia Di Mauro

Kevin Santus

Stefano Sartorio

Arianna Luisa Nicoletta Scaioli

Marco Vedoà

Maria Elena Ciucci

Giulia Citro

Ekin Olkay

Erica Ventura

/ HONOUR COMMITTEE

Donatella Sciuto, Rector at the Politecnico di Milano

Ilaria Valente, Vice-Rector for International Affairs at the Politecnico di Milano

Massimo Bricocoli, Director of DAStU Department – Politecnico di Milano

Andrea Campioli, Dean of AUIC School – Politecnico di Milano

/ INTERNATIONAL ORGANIZING COMMITTEE

Hocine Aliouane-Shaw, ENSAP Bordeaux

Joaquín Alvado Bañon, University of Alicante

Roberta Amirante, Napoli Federico II

Carla Colavecchio, UMA – Umeå Universitet

Roberta Amirante, Napoli Federico II

Pelin Dursun, Istanbul Technical University

Fatma Erkök, Istanbul Technical University

Carla Garrido de Oliveira, University of Porto

Paola Filipa Guerreiro, University of Porto

Maria Hadjisoteriou, University of Nicosia

Joaquín Ibáñez Montoya, UPM Madrid

Beatrice Jögger, Ion Mincu University

Angela Kyriacou Petrou, University of Nicosia

José Lage, University of Porto

Gisela Lameira, University of Porto

Maria Martinez Sanchez, RGU Aberdeen

Maria Luna Nobile, UMA – Umeå Universitet

Madalena Pinto Da Silva, University of Porto

Maria Jose Pizarro, UPM Madrid

Gülsün Saglamer, Istanbul Technical University

Javier Sánchez Merina, University of Alicante

Paola Scala, Napoli Federico II

Alessandra Swiny, University of Nicosia

/ INTERNATIONAL SCIENTIFIC COMMITTEE

- Aksoy Meltem, Istanbul Technical University, Faculty of Architecture
- Alemany Ester Gisbert, Alicante University
- Aliouane-Shaw Hocine, UMR-CNRS Passages, Ecole Nationale Supérieure d'Architecture et de Paysage de Bordeaux
- Al Jumaily Arwa, Scott Sutherland School of Architecture, Robert Gordon University
- Alvado Bañón Joaquín, Alicante University
- Amirante Roberta, University of Naples Federico II
- Ionu Anton, "Ion Mincu" University of Architecture and Urban Planning
- Armitt Matthew, Birmingham School of Architecture and Design
- Ata Zeynep, Mardin Artuklu University, Faculty of Architecture
- Avcı Ozan – MEF University, Faculty of Arts, Design and Architecture
- Avilés Angel Benigno González, Escuela de Arquitectura de Alicante
- Barosio Michela., Politecnico di Torino
- Baslo Meltem, Istanbul Technical University /Faculty of Architecture
- Bassanese Silvia, Scott Sutherland School of Architecture, Robert Gordon University
- Belkouri Daria, Scott Sutherland School of Architecture, Robert Gordon University
- Berlingieri Fabrizia, Politecnico di Milano
- Bevan Whitney, Scott Sutherland School of Architecture, Robert Gordon University
- Bianchi Irene, Politecnico di Milano
- Boehm Carola, Staffordshire University
- Bovati Marco, Politecnico di Milano
- Bozzuto Paolo, Politecnico di Milano
- Bricocoli Massimo, Politecnico di Milano
- Brown Martin, Staffordshire University
- Browne Jemma, Birmingham School of Architecture and Design / Birmingham City University
- Cálix Teresa, FAUP Faculdade de Arquitectura da Universidade do Porto
- Campi Massimiliano, University of Naples Federico II
- Capener David, Birmingham School of Architecture and Design
- Carvalho Antonio, Politecnico di Milano
- Casino David, ETSAM Universidad Politécnica de Madrid
- Ciriqian Pablo Martí, Alicante University
- Cirugeda Almudena Nolasco, Alicante University
- Coelho Rodrigo, FAUP Faculdade de Arquitectura da Universidade do Porto
- Collecchio Carla, Umeå University, Umeå School of Architecture
- Colmenares Vilata Silvia, ETSAM Universidad Politécnica de Madrid
- Columbano Alessandro, Birmingham School of Architecture and Design
- Comsa Daniel, "Ion Mincu" University of Architecture and Urban Planning
- Coppetti Barbara, Politecnico di Milano
- Costa Sandra, Birmingham School of Architecture and Design
- Cozza Cassandra, Politecnico di Milano
- Day Jonathan, Birmingham Institute of Creative Arts
- Derer Hanna, "Ion Mincu" University of Architecture in Bucharest
- Deveci Gökay, Scott Sutherland School of Architecture, Robert Gordon University
- Dusoio Elena-Codina, "Ion Mincu" University of Architecture and Urban Planning
- Dring Michael, Birmingham School of Architecture and Design
- Dundjerovic Aleksandar, Royal Birmingham Conservatoire
- Dursun Çebi Pelin, Istanbul Technical University, Faculty of Architecture
- Erckrath Charlotte, Bergen School of Architecture
- Erkök Fatma, Istanbul Technical University, Faculty of Architecture
- Fairburn Jon, Staffordshire University
- Fatigato Orfina, University of Naples Federico II
- Fontanella Elena, Politecnico di Milano
- Frost Christian, Head of School of Architecture at London Metropolitan University
- Gameira Gisela, FAUP Faculdade de Arquitectura da Universidade do Porto
- García-Germán Jacobo, ETSAM Universidad Politécnica de Madrid
- García Mayor Clara, Alicante University
- Garrido Carla, FAUP Faculdade de Arquitectura da Universidade do Porto
- Ghyka Celia, "Ion Mincu" University of Architecture and Urban Planning
- González Avilés Ángel Benigno, Alicante University

Gratton Nicola, Staffordshire University

Guerreiro Filipa de Castro, FAUP Faculdade de Arquitectura da Universidade do Porto

Hadjisoteriou Maria, University of Nicosia

Hadjichristou Yiorgos, University Of Nicosia

Ibáñez Montoya Joaquín, ETSAM Universidad Politécnica de Madrid

Jöger Beatrice-Gabriela, Ion Mincu University of Architecture and Urban Planning

Jones Martin, Staffordshire University

Jones Mat, Birmingham School of Architecture and Design

Kleanthouse Adonis, University of Nicosia

Lage José Alberto, FAUP Faculdade de Arquitectura da Universidade do Porto

Lameira Gisela, FAUP Faculdade de Arquitectura da Universidade do Porto

Lepratto Fabio, Politecnico di Milano

Machado Carlos, FAUP Faculdade de Arquitectura da Universidade do Porto

Marchigiani Elena, Università degli Studi di Trieste

Marco Elena, University of the West England, Department of Architecture and the Built Environment

Martínez Sánchez María J., Scott Sutherland School of Architecture, Robert Gordon University

Menikou Markella /University of Nicosia

Meraz Fidel A., University of the West England, Department of Architecture and the Built Environment

Mihaila Marina, "Ion Mincu" University of Architecture in Bucharest

Moreno Joaquim, FAUP Faculdade de Arquitectura da Universidade do Porto

Moro Anna, Politecnico di Milano

Nieto Enrique, Alicante University

Nifosi' Chiara, Politecnico di Milano

Nobile Maria Luna, Umeå University, Umeå School of Architecture

Nourrigat Elodie, National Superior School of Architecture of Montpellier

Oldani Andrea, Politecnico di Milano

Oliveira Marta, FAUP Faculdade de Arquitectura da Universidade do Porto

Pacchi Carolina, Politecnico di Milano

Paker Nurbın, Istanbul Technical University, Faculty of Architecture

Pamfil Françoise, "Ion Mincu" University of Architecture and Urban Planning

Parra José, Escuela de Arquitectura de Alicante

Pasqui Gabriele, Politecnico di Milano

Paulino Raquel, FAUP Faculdade de Arquitectura da Universidade do Porto

Pérez del Hoyo Raquel, Escuela de Arquitectura de Alicante

Petrou Angela, University of Nicosia, Architecture Department

Pinto da Silva Madalena, FAUP Faculdade de Arquitectura da Universidade do Porto

Piscopo Carmine, University of Naples Federico II

Pizarro Juanas María José, ETSAM Universidad Politécnica de Madrid

Portschy Szabolcs Dávid, Budapest University of Technology and Economics

Póvoas Rui, FAUP Faculdade de Arquitectura da Universidade do Porto

Pritchard Douglas, Scott Sutherland School of Architecture, Robert Gordon University

Rachel Sara, Birmingham School of Architecture and Design

Rice Louis, University of the West England, Department of Architecture and the Built Environment

Rodrigues José Miguel, FAUP Faculdade de Arquitectura da Universidade do Porto

Rueda Jiménez Óscar, ETSAM Universidad Politécnica de Madrid

Salamer Gülsün, Former Rector, Istanbul Technical University

Salman Huda, Scott Sutherland School of Architecture, Robert Gordon University

Sánchez Merina Javier, Alicante University

Scala Paola, University of Naples Federico II

Scott Jonathan, Scott Sutherland School of Architecture, Robert Gordon University

Semprebon Gerardo, Politecnico di Milano

Serrano Estrada Leticia, Escuela de Arquitectura de Alicante

Setti Giulia, Politecnico di Milano

Sirvent Dani, Escuela de Arquitectura de Alicante

Sousa José Pedro, FAUP Faculdade de Arquitectura da Universidade do Porto

Stan Angelica, "Ion Mincu" University of Architecture and Urban Planning

Stevens Sarah, University of Brighton

Swiny Alessandra, University of Nicosia, Architecture Department

Tognon Alisia, Politecnico di Milano

Tolve Valerio, Politecnico di Milano

Travasso Nuno, FAUP Faculdade de Arquitectura da Universidade do Porto

Trisciuglio Marco, Politecnico di Torino

Valente Ilaria, Politecnico di Milano

Vialard Alice, Northumbria University, Department of Architecture

Victoria Michele, Scott Sutherland School of Architecture, Robert Gordon University

Vila Domini David, Scott Sutherland School of Architecture, Robert Gordon University

Villa Daniele, Politecnico di Milano

Voltini Marco, Politecnico di Milano

Vowels Hannah, Birmingham School of Architecture and Design

Williams Julian, Westminster University London

Wishart Gillian, Scott Sutherland School of Architecture, Robert Gordon University

Xiao Jieling, Birmingham School of Architecture and Design

Zahariade Ana Maria, "Ion Mincu" University of Architecture and Urban Planning, The Doctoral School of Architecture

Zaman Quazi, Scott Sutherland School of Architecture, Robert Gordon University

Zanotto Francesca, Politecnico di Milano

Zhao Fang, Staffordshire University

Zmfir Mihaela, "Ion Mincu" University of Architecture and Urban Planning

5 / AUGMENTED ENDNOTES

Gerardo Sempredon
Politecnico di Milano, Department of Architecture and Urban Studies

The daily reality we experience manifests as a blend of physical and virtual domains. The capacity to assimilate, process, and take action on data is no longer a prerogative of human sensory capacity and intelligence but a combination of information partially elaborated by machines and partially by people.

The so-called smart city is just one of the multiple examples of such a fast-evolving alliance between the physical and the virtual, which, nonetheless, opens a series of dilemmas in terms of ideological, pragmatic, and ethical issues on urban governance. For instance, while the delivery of public services can surely benefit from the implementation of real-time remote sensing, digital processuality, and simultaneous actions to be taken, the chain of decisions tends to inevitably escape the control of humans, the entrusting of responsibilities, and the invaluable exercise of critical thinking.

In a broader context, the call “Augmented” suggested that the convergence of physical space and the augmented body represents a rapidly evolving frontier with the potential to dramatically transform our interaction between the physical and digital realms. The augmented body has been framed as a physical human body technologically extended through augmented reality (AR), virtual reality (VR), wearable devices, or other digital technologies that enhance both perception and physical or cognitive capabilities.

This intersection of body and space through digitization systems called for an exploration of how new technologies mediate our experiences and perceptions. Investigating these body-space relationships involved discussing human-computer interactions in various spatial contexts, assessing the impacts on spatial perception, and exploring the effects on the design of physical spaces at different scales. It also involved questioning these technologies’ educational and interaction capabilities, considering the role of artificial intelligence in fostering interaction and co-design and reflecting on the ethical and social implications of these hybridized interactions.

The “Augmented” session selected contributions that span a wide array of topics. These encompassed the influence of XR technologies on architectural and urban design, the perceptual and cognitive shifts resulting from XR on bodily perception and movement, and the facilitation of social interaction and collaboration through AR-based tools in platforms like BIM and GIS. Other areas of interest include the creation of effective and engaging learning experiences in physical spaces, user-centered design and usability in augmented environments, the impact of wearable technology on daily life, and the reshaping of our understanding of body, identity, privacy, and self-expression in augmented spaces. Historical perspectives on the evolution of mixed reality and its interaction with the physical self are also of great interest.

Some contributions have converged on social conundrums, how inherited participatory practices are still irreplaceable in transient societies, and how emerging issues are reshaping commons’ engagements in the framework of an increasingly fluid and hybrid environment. Some authors emphasized how augmented bodies facilitate displacement situations and proposed new types of spatiotemporal coordinates, affecting social ties and shared routines. In some cases, nature has been addressed as the obvious counter-domain of social space, while in others, it has been framed as an inherent part of spreading posthuman environments. Learning processes have also been addressed as a key innovation point in extended realms. An emerging transversal aspect is, nonetheless, the critical attitude towards the potential of digital technologies. While some directions have already been clearly traced, the fourth industrial revolution appears still in its infancy stage, leaving ample room for exploring practical applications and ideological reflections, which these papers have addressed, detected, and questioned in different ways. The augmented domain of physical bodies is clearly not only a matter of how new tools change people’s

lives but, most importantly, forces everyone to reconsider (self) identities in an ever-blurred context between the physical and the virtual. By addressing these topics, the papers fostered a growing awareness of the profound changes and ethical considerations brought about by the integration of physical space and the augmented body, emphasizing its implication for design thinking and application.

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

