CREATIVITY and REALITY THE ART OF BUILDING FUTURE CITIES

PROCEEDING S





Architecture and Construction Ph.D. DRACo | Dottorato di Ricerca in Architettura e Costruzione Coordinator Dina Nencini

Quadern two | Proceedings of 1st IConA International Conference on Architecture "Creativity and Reality. The art of building future cities" with the sponsorship of DRACo | Dottorato di Ricerca in Architettura e Costruzione

1st IConA
International Conference on Architecture
"Creativity and Reality. The art of building future cities"
December 18-19 2019, Rome, Piazza Borghese 9
www.iconaconference.com
organization@iconaconference.com

Organizing Committee
Francesca Addario
Enrico Marani
Alessandro Oltremarini
Giorgio Quintiliani

Copiright © 2020 Edizioni Nuova Cultura - Roma ISBN: 9788833653112

Dottorato di Ricerca in Architettura e Costruzione Dipartimento di Architettura e Progetto Sapienza Università di Roma







1st ICONA

International Conference on Architecture December 18-19 2019 | Rome

CREATIVITY and REALITY The art of building future cities

edited by

Orazio Carpenzano | Alessandra Capanna Anna Irene Del Monaco | Francesco Menegatti Tomaso Monestiroli | Dina Nencini

Editorial Coordination

Francesca Addario | Alessandro Oltremarini

Curators

Orazio Carpenzano (Director of DIAP, Sapienza Università di Roma) Alessandra Capanna, Anna Irene Del Monaco, Dina Nencini

(Sapienza Università di Roma)

Francesco Menegatti, Tomaso Monestiroli (Politecnico di Milano)

Organizing Committee

Francesca Addario, Enrico Marani, Alessandro Oltremarini, Giorgio Quintiliani (Sapienza Università di Roma)

Honour Committee

Maria Argenti (Sapienza Università di Roma)

Carmen Andriani (Università degli Studi di Genova)

Lucio Valerio Barbera (Sapienza Università di Roma)

Alessandra Capuano (Sapienza Università di Roma)

Daniel Comsa (Ion Mincu University of Architecture and Urbanism UAUIM)

Armando Dal Fabbro (Università IUAV di Venezia)

Alberto Ferlenga (Università IUAV di Venezia)

Cherubino Gambardella (Università degli Studi della Campania L. Vanvitelli)

Liu Jian (Tsinghua University of Beijing)

Martha Kohen (SoA DCP University of Florida)

Jean-François Lejeune (University of Miami School of Architecture)

Gino Malacarne (Università di Bologna)

Bruno Messina (Università degli Studi di Catania)

Carlo Moccia (Politecnico di Bari)

John Murphy (University of Texas San Antonio)

Raffaella Neri (Politecnico di Milano)

MargheritaPetranzan(DirectorofAnfioneeZeto.Rivistadiarchitetturaearti)

Wendy Pullan (University of Cambridge)

Franco Purini (Sapienza Università di Roma)

Matteo Robiglio (Politecnico di Torino)

Piero Ostilio Rossi (Sapienza Università di Roma)

Xing Ruan (Shanghai Jiao Tong University, UNSW Sydney)

Brent D. Ryan (Massachusetts Institute of Technology, Cambridge)

Antonino Saggio (Sapienza Università di Roma)

Andrea Sciascia (Università degli Studi di Palermo)

Ilaria Valente (Politecnico di Milano)

Scientific Committee

Matteo Agnoletto (Università di Bologna)

Giulio Massimo Barazzetta (Politecnico di Milano)

Bruno Bonomo (Sapienza Università di Roma)

Renato Capozzi (Università degli Studi di Napoli Federico II)

Domenico Chizzoniti (Politecnico di Milano)

Nancy M. Clark (School of Architecture University of Florida)

Alessandra Criconia (Sapienza Università di Roma)

Sedef Doganer (University of Texas San Antonio)

Massimo Faiferri (Università degli Studi di Sassari)

Paola Favaro (UNSW Sidney)

Luisa Ferro (Politecnico di Milano)

Antonella Gallo (Università IUAV di Venezia)

Paolo Genovese (Tianjin University)

Anna Giovannelli (Sapienza Università di Roma)

Cristina Imbroglini (Sapienza Università di Roma)

Mohammad Arif Kamal (Aligarh Muslim University)

Martina Landsberger (Politecnico di Milano)

Vincenzo Latina (Università degli Studi di Catania)

Angela Lombardi (University of Texas San Antonio)

Giovanni Marras (Università IUAV di Venezia)

Marco Mannino (Università Mediterranea di Reggio Calabria)

Marina Mihaila (Ion Mincu University of Architecture and Urbanism UAUIM)

Antonello Monaco (Sapienza Università di Roma)

Pisana Posocco (Sapienza Università di Roma)

Enrico Prandi (Università degli Studi di Parma)

Sara Protasoni (Politecnico di Milano)

Manuela Raitano (Sapienza Università di Roma)

Antonio Vito Riondino (Politecnico di Bari)

Antonello Russo (Università Mediterranea di Reggio Calabria)

Nicola Santopuoli (Sapienza Università di Roma)

Leone Spita (Sapienza Università di Roma)

Fabrizio Toppetti (Sapienza Università di Roma)

Ettore Vadini (Università degli Studi della Basilicata)

Federica Visconti (Università degli Studi di Napoli Federico II)

Shaoming Lu (Shanghai Jiao Tong University)

Zhou Zhengxu (Tsinghua University of Beijing)

Institutions

A.A.School of London, United Kingdom Aarhus School of Architecture, Denmark Abdullah Gul University, Kayseri, Turkey Abia State University, Uturu, Nigeria Bahauddin Zakariya University, Multa, Pakistan Copenhagen Business School, Denmark École Polytechnique Fédérale de Lausanne, Svitzerland ENA Rabat, Morocco FAUP, Portogallo GUTech Halban, Oman Instituto Superior Manuel Teixeira Gomes, Portugal Intercultura Consult, Bulgaria

Ion Mincu University of Architecture and Urbanism, Bucharest, Romania

Islamic University of Indonesia, Indonesia

Keio University, Japan

Khalifa University, Masdar Campus, United Arab Emirates KTH Royal Institute of Technology, Stockholm Lodz University of Technology, Poland

Ministry of Cultural Heritage and Activities, Italy

Özyeğin University, Turkey

Politecnico di Bari. Italy

Politecnico di Milano, Italy

Politecnico di Torino, Italy

Sapienza Università di Roma, Italy

Shanghai Jiao Tong University, China

Tianjin University, China

Tsinghua University, China

Uganda Martyrs University, Nkozi, Uganda

Universidad de Lima, Perù

Universidad San Francisco de Quito, Ecuador

Università degli Studi della Basilicata, Italy

Università degli Studi di Brescia, Italy

Università degli Studi di Cagliari, Italy

Università degli Studi di Firenze, Italy

Università degli Studi di Napoli Federico II, Italy

Università degli Studi di Pavia, Italy

Università degli Studi di Sassari, Italy Università degli Studi di Trieste, Italy

Università della Calabria, Italy

Università di Bologna, Italy

Università di Padova, Italy

Università di Pisa, Italy

Università IUAV di Venezia, Italy

Università Mediterranea di Reggio Calabria, Italy

Università Politecnica delle Marche, Italy

University of Arts, Tîrgu-Mureş, Romania

University of Brighton, United Kingdom

University of Texas, San Antonio, USA

University of the West of England, United Kingdom

Xi'an Jiaotong Liverpool Universirty, China

CONFERENCE PROGRAM

DAY ONE | 18 december

PLENARY SESSION CREATIVITY AND REALITY

Opening Cerimony Anna Maria Giovenale

Dean of Faculty of Architecture, Sapienza University of Rome

Opening Speech Orazio Carpenzano

Director of Department of Architecture and Design, Sapienza University of Rome

Lectures GIORGIO DE RITA Secretary General of CENSIS

MARC AUGÉ Ethnologist and anthropologist

Interlude speaker Anna Irene Del Monaco IConA Curator

Lectures RUBEN OTERO Drucker Arquitetos Associados | Brazil

JOSHUA BOLCHOVER Rufwork Architects | China

Discussant Alessandra Capanna IConA Curator

1st PARALLEL TABLES PT 1.1 | PT 1.2 | PT 1.3

DAY TWO | 19 december

2nd PARALLEL TABLES PT 2.1 | PT 2.2 | PT 2.3 | PT 2.4

PLENARY SESSION THE ART OF BUILDING FUTURE CITIES

Renato Masiani

Senior Deputy Rector, Sapienza University of Rome

Lecture LUCIANO VIOLANTE Judge, Politician and Academic

Round Table speaker **Dina Nencini** IConA Curator

Giovanni Maria Flick Jurist, Politician and Academic

Orazio Carpenzano Director of DIAP

Margherita Petranzan Director of Anfione e Zeto Franco Purini Emeritus Professor Sapienza Lucio Valerio Barbera Full Professor Sapienza Alessandra Capuano Director of PhD School Antonino Saggio Full Professor Sapienza

PLENARY SESSION CREATIVITY AND REALITY

speaker Francesco Menegatti IConA Curator

Lectures PIER VITTORIO AURELI (Dogma: Aureli + Tattara)

RAFFAELLA NERI Full Professor Politecnico of Milan

Final Round Table speakers Alessandra Capanna and Dina Nencini + All Chairs of Parallel Tables

Closing Speech Orazio Carpenzano Director of DIAP, Sapienza University of Rome



Abstract Selected: 158 Authors 121 Contributions 51 Institutions

Abstract Received: 252 Authors 196 Contributions 73 Institutions

> drawing by Luigi Savio Margagliotta

INDEX

x *Opening*

XII Creativity and reality.

The project and the eternal becoming of Rome

Orazio Carpenzano

XX City Makers and Culture Industry.

Supply and Demand for contemporary architects

Anna Irene Del Monaco

XLVI Lectures

XLVIII An apparent paradox

Marc Augé

LII Future, creativity, technology and ethics Giorgio De Rita

LX Creonte's apology

Luciano Violante

LXX Cities, globalization and pandemic Giovanni Maria Flick

LXXXVIII The art of building future cities Round Table

CXLII Full papers

XXX Creativity and reality. The row form in architecture Francesco Menegatti

XXXVI Creativity and memory

Tomaso Monestiroli

XL Creativity and Reality. A way of resistance

Dina Nencini

CII Platforms: architecture and the use of the round Pier Vittorio Aureli and Martino Tattara

CX Incremental Urbanism: Ulaanbaatar's Ger Districts

Joshua Bolchover and John Lin

CXXVI Three urban projects. Tribute to Antonio Monestiroli Raffaella Neri

CXXXVI Working in vulnerables areas Ruben Otero

FULL PAPERS

FORMAL A R T AUTONOMY VISION MEMORIES FOR M POLICIES INFORMAL ARTEFACT HETERONOMY REALITY PLACES STRUCTURE RULES

- 12 Eutopias. The art of building future cities Francesca Addario
- 20 Near Futurists' Alliance:

 'Experimental Realisms' in/of design pedagogy

 Gemma Elizabeth Barton
- 28 Memory and time in the process of rewriting the existing Rosalba Belibani
- 34 Urban hybrid open spaces; a new vision for soil use in Milan Carlo Berizzi
- 42 Tradition or contradiction: dialogue or rupture?

 Ana Bordalo, Ana Paula Rainha
- Between typology and morphology.
 On the use of models in architectural composition
 Alessandro Camiz
- 54 Form | Shapeless forms Renato Capozzi
- 62 The pipes are back. Berlin 30 years later *Roberto Cherubini*
- 68 Vision versus reality in designing process of Romanian Pavilion for Dubai Expo 2020 Daniel Comsa
- 74 Singularity/Complexity.

 The "city within the city" by Oswald Mathias Ungers

 Vincenzo D'Abramo

- 82 A matter of distance

 Andrea D'Urzo
- 86 The research of the form in the construction of the contemporary city

 Ermelinda Di Chiara
- 92 Participatory projects in BIM using AR and VR

 Endriol Doko
- 98 Spatial quality analysis of Anshan Road Street in Tianjin based on spatial syntax Zimeng Dong, Hanyu Xiao
- 110 My home, my 'favela'. Analyzing and discussing the architecture of Rocinha favela using sequential art Cristina Gentiana Dumitrascu
- The case of the ancient city of Herculaneum Roberta Esposito
- 124 Communicating scientific knowledge

 Massimo Faiferri, Samanta Bartocci, Lino Cabras, Fabrizio Pusceddu
- 130 Tracing the borders of the ancient city: the case study of Seville walls

 Angela Fiorelli
- 138 Total control and spontaneous processes. Two antithetical contemporary utopias as means of imagining the future cities Alessia Gallo
- 144 Children's Poles 0-14. A case of study and experimentation: IC Simonetta Salacone at Casilino 23

 Carla Ghezzi

- 152 The iconic Whitney.

 Stories of a (im)possible manipulation of the Breuer's Museum of American Art
 Anna Giovannelli
- 158 Walls and gates in contemporary chinese cities: the undeniable reality in future city image

 Badiaa Hamama
- 166 Vague memory, poor imagination; what happened to urbanism of the 21st-century sprawl *Arian Heidari Afshari*
- 172 Authorialism: the "desease" of visionariness Francesca Iarrusso
- 178 The memory of space in found constructions; experience versus interpretation Kaltrina Jashanica
- 184 The architecture of the japanese city: cultural perceptions of memory and place Yao Ji
- 192 Same origin, different outcome case study on salt settlements of Ocna Sibiu and Ocna Mureş Ferenc Kovacs
- 200 The role of green systems in the development of the industrial city in central Poland in the 19th and today Tomasz Michal Kroc
- 206 The Infinite City.
 Vision and Reality in Ivan Leonidov's Urban Designs
 Luca Lanini
- 214 Images and narratives shaping the chinese city-scape Silvia Lanteri, Monica Naso
- 222 Memories of places.

 Creativity and reality through the travel experience

 Sasha Londono, Juan Pablo Galvez

- 228 Architecture and Cold War in Italy: creative processes and possible contaminations Olivia Longo
- 236 Reality and vision in a steel and hemp design research project Roberta Lucente
- 244 Urban regeneration and creativity in south Italy
 Ina Macaione
- 252 The 'post-digital' in architecture Guglielmo Malizia
- 258 The art of discerning the orizon *Marco Mannino*
- 264 Poles of integration
 in the schools of the roman suburbs

 Enrico Marani, Carla Ghezzi, Giorgio Quintiliani, Rosanna Labalestra
- 270 The rhetoric of the real in the contemporary city

 Edoardo Marchese
- 278 The rooting of the tall building to the contemporary city Luigi Savio Margagliotta
- 286 Architecture and urban form.

 For a critical reconstruction of the old town of Mosul

 Flavio Menici
- Between permanence and obsolescence: the actuality of the ephimeral Ambra Migliorisi
- 300 "The Old City is always new".

 Creativity and reality in the urban restoration of the reconstructed German city

 Andreina Milan
- 308 Informality in Egypt: rethinking resiliency in vulnerable communities

 Aya Mohanna

316	Structure vs. Form. Toward an Open Architecture Antonello Monaco	406	Architectural remembrances Sergio Policaro
322	From ready-made to the diagram. Interactions between art and contemporary design Federica Morgia	412	Placemaking architecture in post-socialist cities Laura Corina Popa-Florea, Alexandra Afrasinei
		420	Monumental ground.
330	Cafeteria after lunch.		Infrastructure, construction sites, landscape
	Four episodes of informal education in Chile and Argentina Marco Moro		Chiara Pradel
		428	The places of work of the twentieth century.
338	Contempor\ary architectural design in heritage:		Between memory and invention
	creativity vs reality Bahia Nouh		Francesco Paolo Protomastro
		436	Contemporary architecture: symbol or role?
344	Hypothesis for an autopoietic modernity Alessandro Oltremarini		Alessandra Pusceddu
		442	Representation and Simulation
352	Rome. Municipio I: the critical reading of the urban fabric and of educational specialized building used as a design tool		Giorgio Quintiliani
	Cinzia Paciolla	450	Autonomy and heteronomy in italian architecture Manuela Raitano
358	Ludovico Quaroni's spatial grid in Prato. Cities and open forms		
	Caterina Padoa Schioppa, Luca Porqueddu	456	Memory of architecture as design approach. Building a new exhibition and office building in China
368	Vision to inhabit the reality of tomorrow Teresa Pagano		Riccardo Renzi
		464	For an architecture of questioning
374	Finding optimum geometry for utilizing the light for future architectural designs, based on plant architecture and sunlight capture performance		Antonio Vito Riondino
	Semra Pakdemirli, Wenjun Ma	472	City as a cultural document, memory
	·		as a critical exercise of the essential
382	Artistic approaches for new urban design Anna Lisa Pecora		Giuseppe Francesco Rociola
		480	Between monuments rediscovering and urban values,
390	Hendricus Theodorus Wijdeveld.		the creativity as a design tool
	Visions of a new Amsterdam		Michele Roda
	Enrico Pietrogrande, Alessandro Dalla Caneva		
		488	The architecture of exception within and counter to the Belt and

Road Initiative: an exploration of the zone camouflaging language

from Khorgos to Lazika

Valentina Rodani

398 Public Realm = Public Space?

Greta Pitanti

How the uses of public space define and transform urban space

- 496 Space and matter. A solid void for a weak monumentality

 Antonello Russo
- 504 Heterotopias in contemporary architecture: a case study analysis

 Amra Salihbegovic
- 512 Memory: changes and opportunities.
 Urban and territorial changes in the case study of Fiuggi
 Guendalina Salimei, Pina Ciotoli, Anna Riciputo
- 520 The crisis of the relationship between structure and form as crisis of the city

 Cristian Sammarco
- 528 Potenza. Windows on a vertical city Mariangela Ludovica Santarsiero
- 536 A new Silent Spring.

 The creation of an autonomy of women's thinking in the project of open space and urban landscape
 Donatella Scatena
- Reality built and Creativity designed. Urban morphology as a guide to the transformation process of the 21st century city Francesco Scattino
- 548 Land use transition between planned and spontaneous development.

 Comparing patterns of change in two rural settlement
 of Fujian province

 Gerardo Semprebon, Wenjun Ma, Luca Maria Francesco Fabris
- 556 Architecture and Reconstruction. A precarious balance between memory, places and design strategies Giulia Setti
- Architectural enigmas: the imaginary between myth and reality in modern and contemporary icons

 Francesca Sibilio
- 572 Place, materials and proportions: from a sensory architecture to an essential one *Gianpaola Spirito*

- 580 The evolution of the spatial form of traditional settlements under the influence of the construction of national new district and its sociological influence: a case study in Xiongan New Area, China Mingzhu Tang
- The future beyond Matera 2019

 Ettore Vadini
- 596 Learning from Informality. Creativity interventions and appropriation strategies
 - Nilda Maria Valentin, Cristina Dreifuss Serrano
- Anphi-nomy: a creative relationship between cities and heterotopias Giovangiuseppe Vannelli, Piero Zizzania
- 612 The structure of the city. Living and dwelling form Federica Visconti
- 620 Form vs Figure / Grammatical vs Rhetorical.
 Pavel Janák's Architectural Language *Qi Wang*
- 628 Lifestyle as heritage: a methodology for visualizing the space-activity relationship in rural China Glen Wash
- Adaptive governance of heritage community.

 Research on the gothic neighborhood in Barcelona

 Oiuvin Xu, Tianjie Zhang
- Research on the influencing factors of the interface characteristics of commercial pedestrian street on the activity of walking users.

 Take Barcelona's Plaza Catalonia as an example

 Xinyu Yuan, Yike Hu
- Boundary or connection? Study on morphological characteristics and functions of the boundary roads in Tianjin, China *Yuwei Zhang, Xiao Yang, Jiaqi Wu*



Anphi-nomy: a creative relationship between cities and heterotopias

Giovangiuseppe Vannelli: giovangiuseppevannelli@gmail.com Piero Zizzania: p.zizzania@hotmail.com Università degli Studi di Napoli Federico II, Italy

cemetery | inner areas | abandoned | gentrification | depopulation

ABSTRACT

The contribution refers to a series of researches about cemetery space and inner areas, exploring possible expansions about the dichotomy "autonomy" (from Greek, autos - means "self", - nomos means "rule") and "heteronomy" (from Greek, hetero- means "other"). An intersection of these themes has found the opportunity to be investigated in the project developed for the ideas competition "Non Architecture Competition: Dying, alternative designs for cemeteries". Reflecting about forms, meanings and role of the cemetery space in the contemporary landscape, an opportunity was glimpsed also to find out answers to the long-standing problem of abandoned inner areas reasoning about the autonomy and heteronomy that govern the relationships between the city and some marginal landscapes identifiable in a transcalar perspective. In this contribution inner areas are considered heterotopias in the same way as cemeteries. Heterotopias – according to the foucaultian meaning – are autonomous by definition and structured on their own rules. When they cease their activity, heterotopias become heteronomous, since they are considered referring to the city rules (-nomos) and not anymore to their own rules. Nowadays, only a project based on a creative thought aimed to define an "anphinomy" (from Greek, anphi-means "on both side") can change the state in which this legacy is. Anphinomy will refer to a biunivocal and equal relationship among the parts without imposition of the rules of one of the two subjects. The Inner Park project focus on the anphinomy between the city and those heteronomous heterotopias. Urban and rural areas as well as "the city of the living" and "the city of the dead" are two pairs of landscapes that must be considered complementary and not alternative. Inner Park is a pretext, a futuristic proposal set in 2050. The project defines a park of "lost things" - people, places, histories - consisting of Italian inner areas dedicated to inner life that seems to find no more place in the hyper-dense urban. In this futuristic scenario, the gentrification of the city finds a complementary and necessary double in the inner areas. Inner Park is proposed as an "anphinomous" system recognizing its otherness, as an identity value statement, not comparable with the city identity but complementary to that, so necessary and worthy of being valued. The project proposal could be both a "double heteronomy" and a "conscious autonomy", therefore a "connected heterotopia".

This contribution is the result of the intersection between two researches, one about the funerary landscape and the other concerning the inner areas landscape. Those researches wonder about possible scenarios for two places that have as common feature the loss of their original value and, consequentially, the crisis of their material and immaterial consistency. This condition is the tangible outcome of an ever-changing context and it's related to the direction in which cities are developing exponentially. "The world urbanization [today does not define], as agriculture has done, a new form of permanence, but rather new forms of mobility. The urbanization leads at least to two different phenomena: on the one hand, the growing development of the already existing great urban centres, and, on the other, the recent extension, along communication routes, rivers and maritime coasts, of those 'urban filaments', as named by the French demographer Hervé Le Bras. In addition to urban filaments, it's often possible to talk about rurbanization"².

The dualism city-countryside, now obsolete, has been replaced by new relationships that are important matters to investigate. At the time of the gentrification, the urban stretches itself, starting from its centre, and structures the rurban area, polarizing the social, economic and cultural systems. In this condition, some places enter into crisis because they were defined according to previous and no longer stable networks of relationships. The resulting condition of marginality is relative to a city that figure always as the element of comparison: the dualism is always structured with respect to the urbanized part of reality that is densifying and extending. "I mainly want to establish at this point that the dynamic process of the city tends more to evolution than preservation, and that in evolution monuments are not only preserved but continuously presented as propelling elements of development". Rossi's statement is a starting point for a further useful reflection that no longer concerns only the city, the one made up of monuments, of 'primary elements', but a reflection that concerns those elements of the urban system that in different ways have woven a dependence relationship – an heteronomy – with respect to the city. Nowadays, those places, with greater difficulty, try to respond to the incessant and rapid evolution of the city. Rethinking this heritage, even the most fragile one – because of being less recognized as such –, appears useful and necessary because: "in the utilization of the bodies of the old cities, there is at once an economic and a psychological rationale. They become both a positive value and a point of reference" Thus, considering the consolidated urban dynamics, it could be possible to state that the 'nomos' are always determined by the city.

Therefore, some places, as those examined, have been – or they are waiting to be – subject to necessary changes in order to prevent the definition of a landscape made of wrecks, carcasses swallowed up by the hungry city. The city is here considered as 'mother' – underlining the heteronomous relationship – echoing what was said by Koolhaas: "conceptually orphaned, the condition of the periphery is made worse by the fact that its mother is still alive, stealing the show, emphasizing its offspring's inadequacies". Nowadays it is necessary to think about possible innovations and transformations both of architecture and of the city, but above all of what is excluded from the latter. With that aim, it seems necessary to raise new questions, to reword the old ones, definitely it's necessary to look for an image, an idea, because: "the political matter of the city [is] a choice issue, as a result the city realize itself toward its own idea of city". Therefore, to start from reality observation and interpretation is considered as necessary in order to prefigure, through creativity, possible scenarios that may define a future 'idea of city' or, expanding this anthropocentric vision of the city, a future idea of landscape or even a future idea of ecosystem. This is necessary in order to not persevere in the error of forecasting a 'mother' city but to aim at the definition of visions that with greater synergy make what is in the city and what is outside collaborate together, through a revision of the current relationships of autonomy and heteronomy.

Compared to the astonishing multiplicity of questions and the breadth of the fields of knowledge called into question by phenomena such as l'anthropocene and gentrification, in architecture the above described approach is more necessary than ever. The physical artefacts conceived and realized by architects, by their essence, usually appear to be reluctant or

CEMETERIES CITY

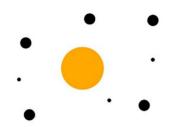


Fig. 1

Heterotopias as externalities: cemeteries and city, inner areas and cities

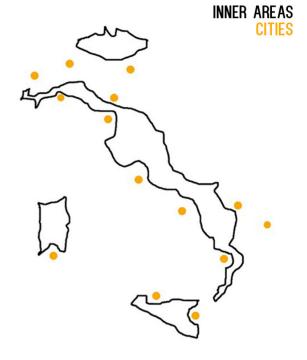


Fig. 2

Link to the app demo "Inner Park"



impossible to change, to be adapted, while the boundary conditions seem to be exponentially faster in evolving: therefore, they become more and more complex to interpret and to put at the new prefigurations' basis. This determines one of the processes proper to the generic city: "the great originality of the Generic City is simply to abandon what does not work – what has outlived its use – to break up the blacktop of idealism with the jackhammers of realism and to accept whatever grows in its place". Taking into account this condition of strong realism, described almost with cynicism by Koolhaas, the dialectical relationship between reality and creativity appears to be fundamental because only a creative thought – which according to Marti Aris has hybridization, overlapping and crossing as typical procedures – can lead to that "important, vast and unavoidable (...) effort of forecast (*previsione*)" considered necessary to the 'prediction' even if not sufficient for the "constitution of the architectural thing". Forecast becomes a fundamental act by practicing creative thinking because "we can have the impression that the image is what establish and promote real's reality".

Therefore, an image appears to be the first step in a process that, following the 'jackhammers of realism', tries with a creative thought to foresee an 'idea of city' that guides – according to Rossi – its realization in response to the political problem. This complex and articulated relationship between reality and creativity, between forecast and prediction, between city, idea of city and built city should be approached with the aim of being contemporary – according to Agamben: "contemporaneity is a particular relationship with one's own time, which adheres to it and, at the same time, distances itself from it; more precisely, contemporaneity is that relationship with time which adheres to it through a phase shift and anachronism. Those who coincide too much with the epoch, who perfectly coincide with it in every point, are not contemporary because, precisely because of this, they cannot see it, they cannot keep their eyes fixed on it (...) being contemporary is, above all, a question of courage"11. Focusing again on the two places investigated within this contribution that – for different reasons – have not been formed with and within the city, in order to explore more specifically, among others, the dualism of autonomy and heteronomy, we dwelt on the relationships (real or possible) between these artefacts, the surrounding elements and the city itself. Reasoning about relationships becomes even more fundamental in dealing with inequalities and expulsions that may be inherent in the construction of the place itself – as in the cemeteries case - or a consequence of slow processes of marginalization, as in the inner areas case. In order to better understand this marginalization condition, what Augé writes about those terms he defines as belonging to a "spatial language" seems to be interesting: the concept of 'exclusion' "undoubtedly implies the existence of an inside and an outside: one is excluded from the inside and become an externality. This externality matter can be understood in a physical sense. (...) However, there is also exclusion in the sociological sense, social exclusion"¹². At the same time, Augé explains that "the one who is defeated by the system, the one who does not adapt to the school system or the economic system, is marginalised. Again, this is a spatial term. The margin necessarily refers to the idea of a central place, a centre, a reference point from which only the marginalised would be excluded"13. So, the city is the centre while heterotopias are excluded and marginalised.

Cemeteries: autonomous but no longer self-sufficient (Giovangiuseppe Vannelli)

'Churchyard' and 'cemetery' are commonly used as synonyms, yet the difference is remarkable, especially considering the autonomy or heteronomy of burial grounds. Until the beginning of the 19th century 'death', and consequently the burial sites, were not ousted from 'life', and therefore from the city. The meaning of the word 'churchyard' refers to the formal and positional value of burial grounds: burial took place in cloisters and it was considered, in fact, an urban practice. The place for eternal rest was within the city and established continuous and multiple relationships with it, kept alive by consolidated social practices. In 1804, with the Edict of Saint Cloud, the churchyard urban role and its relationship with the city were put into crises. At that point, one could speak about 'cemetery': still a place dedicated to burials but, getting detached by the religious entity, it had lost its positional value. After the Napoleonian Edict,

Fig. 3

From the app demo.

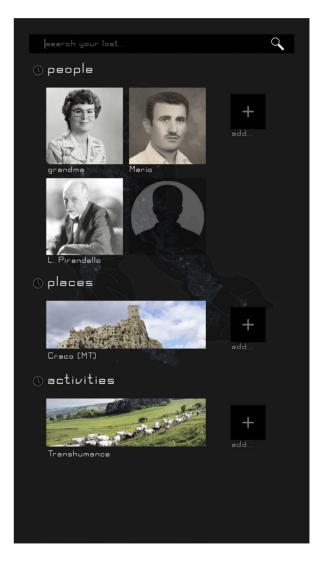
The first park of the lost things



From the app demo.
Search your lost
things: people,
places and

Fig. 4

activities.



cemeteries were built as enclosed and excluded cities for dead ones, far from the cities of living ones. Over time, this shift from 'churchyard' to 'cemetery' has defined a marginalization of this sacred place and the loss of its urban value. The modern cemetery conception considers these places as totally autonomous compared to the city. Cemetery maximally express what Foucault meant by "heterotopias of deviation" another city built in order to alienate from the city of the living what is considered as 'deviant'. Over time this expulsion has happened through the construction of autonomous and self-sufficient citadels built on the city borders, far from the society – and then the city – of the healthy, the good, the living. When the urban sprawl reached those cities of the dead, cemeteries' autonomy went into crises. In a way, the request imposed to cemeteries by the city to become heteronomous although they were founded as heterotopias, and therefore as autonomies, is the reason for that crises. Moreover, nowadays, those cities of the dead seem to be no more self-sufficient because represent a kind of 'wormholes' within the cities, they are not even able to answer to the various and dynamics problems related to the current cemetery question (type of burial, different cultures, ecology, lack of burial space, etc.). Among the other reasons, this cemeteries' critical condition is due to the original autonomy that has no more as correspondence the self-sufficiency of those places and so it imposes an imminent rethinking about this material and immaterial heritage.

Inner areas: self-sufficient but no longer autonomous (Piero Zizzania)

Inner areas are usually described as 'isolated', 'marginal', 'distant' depending on their relationship with main cities and infrastructural networks. In them mountain and rural villages fight against oblivion and abandonment due to the growing depopulation phenomena that began with the birth of the modern city, increasingly autonomous and self-sufficient, which sanctioned the obsolescence of these territories.

The same definition of 'inner areas' highlights how they result from consolidated policies that "have supported the (unfounded) belief that an inevitable concentration in large cities is beneficial for all" in fact, they are identified through the variables of distance and lack assessed according to the common 'pole'.

Just to counter this territorial disparity, the National Strategy of Inner Areas was born in 2012, a 'breaking device' that tries to overcome the numerous subsistence actions -another form of heteronomy- which have always characterized the interventions for marginality. Therefore, a self-sufficient territorial model is proposed, based on the synergy between different municipalities which decide to collaborate in favor of a common good renouncing their local autonomy no longer sustainable. The complexity of the issue opens an attitude of mistrust about the possibility of seeing all the inner areas repopulated, due to an ever-increasing density of cities. Despite this, the increasingly explicit interest in alternative lifestyles to the city frenzy, attention to the origin and production process of food, the renewed interest in an experiential tourism alternative to the beach, could be interpreted as new symptoms of a more deep crisis of the model that finds in the city the answer to all human needs. Compared to this panorama, "precisely because they remained marginal to the development processes, and thanks to the extraordinary peculiarities that they contain, from discarded stones these territories could turn into corner stones from which to start to imagine a new idea of urbanity" 17.

Anphinomy (Piero Zizzania)

A preamble is necessary: the opportunity for this contribution was our proposal for *Non architecture competition – Dying*. The competition's brief invited participants to think about 'reality', as the actual condition of the cemetery heritage, and 'creativity', as the way we can prefigure new scenarios for funerary landscape. Participants were asked to create innovative and unconventional projects where scale of intervention, program dimensions, and location are not given.

Answering to the competition request we have reasoned about the 'externality' matter and the possible relationships between the autonomy and heteronomy through a transcalar approach. Historically cemeteries were at the periphery of the city, meanwhile inner areas are defined as the ultra-peripherical landscape compared to the city.

In this contribution inner areas are considered heterotopias – referring to the six features pointed out by Foucault¹⁸ – in the same way as cemeteries. Heterotopias are autonomous by definition and structured on their own rules. When they cease their activity, heterotopias become heteronomous, since they are considered referring to the city rules (*-nomos*) and not anymore to their own rules. The divestment and abandonment of these heterotopias derive from a non-autonomous vision of these places but heteronomous, all referring to the city. On the other hand, an autonomous vision would cause the total collapse of these places and a complete expulsion from the urban area. So it seems necessary to know, recognize and interpret these places for what they are, giving value to their otherness but not eradicating them from the city and, therefore, from society. Nowadays, only a project based on a creative thought aimed to define an 'anphinomy' (from Greek, anphi- means "on both side") can change the state in which this legacy is. Anphinomy will refer to a biunivocal and equal relationship among the parts without imposition of the rules of one of the two subjects.

In our proposal for *Dying Competition*, the *Inner Park* focus on the anphinomy between the city and those heterotopias. Urban and rural areas as well as 'the city of the living' and 'the city of the dead' are two pairs of landscapes that must be considered complementary and not alternative. *Inner Park* is a pretext, a futuristic proposal set in 2050. The cemeteries are moved from the expanding hyper-dense cities and re-define the landscape of the internal areas: through the city of the dead which finds space in the internal areas, those lifeless territories are re-inhabited.

The project defines a park of "lost things" – people, places, histories – consisting of Italian inner areas dedicated to inner life that seems to find no more place in the hyper-dense urban. In this futuristic scenario, the gentrification of the city finds a complementary and necessary double in the inner areas. Compared to metropolitan areas, *Inner Park* is proposed as an "anphinomous" system recognizing its otherness, as an identity value statement, not comparable with the city identity but complementary to that, so necessary and worthy of being valued. The project proposal could be both a "double heteronomy" and a "conscious autonomy", therefore a "connected heterotopia".

ENDNOTES

```
<sup>1</sup> From Greek -nomia law; related to nemein to distribute, control. Address https://www.collinsdictionary.com/dictionary/english/nomy
```

² Augé M. (2007), *Tra i confini. Città, luoghi, integrazioni*, Bruno Mondadori Editori, Milano, p. 5.

³ Rossi A. (2011), L'architettura della città, Quodlibet, Macerata, p. 54.

⁴ Ivi, p. 99.

⁵ Koolhaas R. (2006), *Junkspace*, Quodlibet, Macerata, p. 29.

⁶ Rossi, *Op. Cit.*, p. 15.

⁷ Koolhaas, *Op. Cit.*, p. 37.

⁸ Gregotti V. (1991), *Dentro l'architettura*, Bollati Boringhieri Editore, Torino, p. 35.

⁹ Ibid.

¹⁰ Augé, *Op. Cit.*, p. 14.

¹¹ Agamben G. (2008), Che cos'è il contemporaneo?, Nottetempo, Roma, p. 9-10.

¹² Augé, *Op. Cit.*, p. 16.

¹³ Ivi, p. 19.

¹⁴ Cfr. Foucault M. (2001), Spazi altri, In Vaccaro S. ed., Spazi altri. I luoghi delle eterotopie, Mimesis Edizioni, Udine.

REFERENCES

Agamben G. (2008), Che cos'è il contemporaneo?, Nottetempo, Roma.

Agamben G. (2018), Che cos'è un dispositivo?, I sassi nottetempo, Milano.

Augé M. (2007), Tra i confini. Città, luoghi, integrazioni, Bruno Mondadori Editori, Milano.

Balducci A., Fedeli V. and Curci F., eds. (2017), Ripensare la questione urbana. Regionalizzazione dell'urbano in Italia e scenari di innovazione, Guerini e Associati, Milano.

Barca F., Casavola P. and Lucatelli S. (2014), *Strategia nazionale per le Aree Interne: definizione, obbiettivi, strumenti e governance*, Collana Materiali Uval, n° 31, Roma.

Basmajian C., Coutts C. and Merriam D., eds. (2013), Planning for the deceased, Planning Advisory Service, Boston.

Caponetti F. (2019), Terre marginali. Agricolura come nuovo umanesimo, Quodlibet, Macerata.

Dal Borgo G. A., Garda E. and Marini A., eds. (2016), Sguardi tra i residui. I luoghi dell'abbandono tra rovine, utopie ed eterotopie, Mimesis Kosmos, Milano.

De Leo E. (2006), Paesaggi cimiteriali europei, Lastscape realtà e tendenze, Mancosu, Roma.

De Rossi A., ed. (2018), Riabitare l'Italia. Le aree interne tra abbandoni e riconquiste, Donzelli Editore, Roma.

Decandia L. and Lutzoni L., eds. (2016), La strada che parla. Dispositivi per ripensare il futuro delle aree interne in una nuova dimensione urbana, Franco Angeli, Milano.

Foucault M. (2001), Spazi altri, In S. Vaccaro, eds., Spazi altri. I luoghi delle eterotopie, Mimesis Edizioni, Udine.

Gregotti V. (1991), Dentro l'architettura, Bollati Boringhieri Editore, Torino.

Koolhaas R. (2006), Junkspace, Quodlibet, Macerata.

Lucatelli S. and Monaco F., eds. (2018), La voce dei sindaci delle aree interne. Problemi e prospettive della Strategia nazionale, Rubbettino, Soveria Mannelli.

Marchetti M., Panunzi S. and Pazzagli R., eds. (2017), *Le aree interne. Per una rinascita dei territori montani e rurali*, Rubbettino, Soveria Mannelli.

Meini M., ed. (2018), Terre invisibili. Esplorazioni sul potenziale turistico delle aree interne, Rubbettino, Soveria Mannelli.

Morelli U. (2011), Mente e paesaggio. Una teoria della vivibilità, Bollati Borghieri, Torino.

Rossi A. (2011), L'architettura della città, Quodlibet, Macerata.

Teti V. (2004), Il senso dei luoghi. Paesi abbandonati di Calabria, Donzelli Editore, Roma.

Teti V. (2017), Quel che resta. L'Italia dei paesi, tra abbandoni e ritorni, Donzelli Editore, Roma.

¹⁵ Barca F. (2018), Messaggio dei sindaci delle aree interne alla classe dirigente nazionale, in Lucatelli S. and Monaco F., eds., La voce dei sindaci delle aree interne. Problemi e prospettive della Strategia nazionale, Rubbettino, Soveria Mannelli, p. 83.

¹⁶ Cfr. Agamben G. (2018), Che cos 'è un dispositivo, I sassi nottetempo, Milano.

¹⁷ Decandia L. (2017), Riconoscere bagliori nel buio del presente: le aree interne come risorse preziose per dar vita a nuove costellazioni urbane, in Balducci A., Fedeli V. and Curci F., eds., Ripensare la questione urbana. Regionalizzazione dell'urbano in Italia e scenari di innovazione, Guerini e Associati, Milano, p. 121.

¹⁸ Cfr. Foucault, *Op. Cit.*