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Abstracts

EURAU 2016

European Symposium on Research
in Architecture and Urban Design

Ion Mincu University of
Architecture and Urbanism
Bucharest, Romania



<http://eurau2016.uauim.ro>



Bucharest, September 28 - 30th, 2016

IN BETWEEN SCALES



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Introduction

The eighth edition of the European Symposium on Research in Architecture and Urban Design will be held from the 28th to the 30th of September 2016 in Bucharest.

The seminar will take place at the "Ion Mincu" University of Architecture and Urban Planning from Bucharest in collaboration with the institutions that organized the previous editions:

École Nationale Supérieure d'Architecture de Marseille, on doctoral research (2004);

École Nationale Supérieure d'Architecture et Paysage de Lille, on large scale (2005);

Association des Instituts Supérieurs Brussels-Liège-Mons (IESA), on cultural heritage (2006);

Escuela Superior de Arquitectura de la Universidad Politécnica de Madrid, under the theme cultural landscape (2008);

Facoltà di Architettura dell'Università degli Studi di Napoli Federico II, under the theme venustas (2010);

Faculdade de Arquitectura da Universidade do Porto, on public space and contemporary city (2012);

Faculty of Architecture of the Istanbul Technical University, on composite cities (2014).

The project EURAU is constituted within a network of schools and researchers in Architecture and Urbanism, meeting every two years to share the status of their investigation. In the long-term, it is intended to lead to the creation of a physical meeting and deposit space with all the research undertaken and ongoing in Europe to facilitate the sharing of resources and deepening of knowledge in these scientific areas.

The main concern of the EURAU is to establish itself as a place of debate and discussion of thematic disciplines of Architecture, City and Town Planning.

The theme of EURAU 2016 is "In Between Scales."

Assoc.Prof. Beatrice-Gabriela JÖGER, Arch, PhD, UAUIM, Bucharest, Romania



History

The EURAU project was initiated by the French Ministry of Culture, when, in 2004, it launched the proposal of an annual symposium for researchers dealing with Research in Architecture and Urbanism. The various editions were organized by different European schools of Architecture with a coordinated effort by a broad group of university professors and researchers.

The purpose of this initiative is to enable the confrontation between researchers concerned with the Architecture and the City on the European scene.

The acronym EURAU describes the congregation of the objectives which motivate these events: EU for "European Union", R for "Research", A for "Architecture" and U for "Urbanism".

Important Dates

December 2015	Call for papers
January 15th, 2016	Abstract and registration possible
April 15th, 2016 (included)	Abstract Submission Deadline
May 5th, 2016	Notification of acceptance
June 30th, 2016 (included)	Deadline for Final Paper submission for the publication of the proceedings
June 30th, 2016 (included)	Registration Deadline for Authors
September 28th- 29th-30th 2016	Conference dates
October 1st-2nd 2016	Post-Conference Tours

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How can one define in-betweenness in terms of built environments?

We want to explore the connections and cracks between the scales of public, communal and personal appropriation of the (un)built matter and space.

We want to inspect the intervals between built and unbuilt (virtual?) objects, between territory and settlements, between settlements and communal built environment, between public and private places and spaces, and between private and intimate spaces.

We want to investigate the links – and mutual misunderstandings - between culture of architecture and the culture of the vernacular; between the culture of the object based, top-to-bottom design procedures and the process based, bottom-up design strategies of contemporary parametricism.

Also, we want to further elaborate on the mostly unseen and unexplored conceptual territories between social awareness and activism with respect to preservation, housing, and migration.

And for this we address to Research, Education, Design, Implementation. All are processes, with different aims, at different scales, but all are processes of creation that are using research as a tool. The goal is to get out of the consecrated fields' routine in order to investigate the creativity that bridges those fields, the one that is making possible the passage between the scales, the one that is guiding us towards an inner inter-disciplinarity.

These are the theme and subjects proposed to be tackled by the EURAU2016 and everyone is welcomed to understand and develop them according to their background and affinities.

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She is developing her research on the project of open spaces, public space and architecture of the soil. Currently she is coordinating the program "Re-forming Milan. Design experiments for neglected and decayed spaces and building". She was scientific director of the Research Program "Industry in the park - Architecture Energy Landscape" commissioned by private companies Terni Research and Italeaf Spa. She is member of group of researcher in the project PRIN-Ministerial Re-Cycle Italy on the regeneration of industrials and marginal areas. She has worked as a professional consulting for the City of Milan at the Sector Strategic Projects contributing to the planning and design of complex areas of urban regeneration.

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Her research focuses on the design strategies of intervention, both at architectural and urban scale, on the existing building and areas, considering the underused or abandoned built up spaces as a resource, and facing the modification as an instrument for reaching duration in a perspective of sustainable development. She collaborates in the didactical project Re-forming Milan, and recently was part of the research group that worked for the Triennale di Milano's exhibition "Mi-Bg 49 km visti dall'autostrada".

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Renewal processes on existing buildings and open spaces: actions, practices and design strategies for regeneration in Milan

Barbara COPPETTI, Elena FONTANELLA

Abstract

Subject | The research that we are going to present involves abandoned areas and buildings. The abandonment places are the soils and the buildings discarded and underused. Many of those areas have been registered in Milan, in cooperation with the Department of Urban Planning of the Municipality of Milan. Large complex like schools, swimming pools, socio-medical institutions, hospitals, military barracks; punctual buildings like municipal markets, cinema, factories, warehouses, farms and whole office buildings, that were built in 50's-70's, and that can be nowadays defined as 'transparent buildings' - without authors, quality or specific attribute - in addition to many others free areas of different size.

The research - within the frame of the didactical project named "Re-forming Milan, design experiments for neglected and decayed spaces and buildings" ongoing in its third edition this year - aims to the urgent care of the soil and of these anonymous buildings as considerable heritage. They inspire a reflection that stimulates regeneration processes of the physical spaces. At the same time they help us to think about new rules to facilitate reorganization, reuse and renewal processes. The potentialities of abandoned spaces are investigated through interdisciplinary design explorations at the different scales.

The goal of the initiative of Re-forming Milano is perfectly matching with the intention of encouraging a multi-scale and interdisciplinary approach to the architectural design.

We have developed a list of abandoned areas divided into dimensional typologies:

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- Areas of urban reorganization;
- Areas of urban transformation;
- Areas of landscape redevelopment;
- Built up and open parcels;
- Farmhouses to be redeveloped.

All the selected areas and buildings express a critical situation in the urban fabric, according to the physical degradation, social disadvantage, architectural obsolescence, technological decay. They are all places that have to be faced considering the environmental, economical and social complexity that a design on the existing areas involves. For this reason we developed some key words in order to flank the dimensional typologies with some topics related to the city topics. Different thematic areas have been developed during the development of the research and they become keywords for the presentation of the results during exhibitions, workshops, public meetings. Some of those thematic areas are: large equipment in ruins, interdicted fences, decay and mutation, environmental under-standards, punctual degradation, author's abandonment, difficult dwelling. They were defined starting from the understanding of the main characters of the current status of the places, and they are not conceived as closed categories, but on the contrary they are interacting.

Thesis arguments | The topic of the abandonment isn't new for our field of studies. The phenomenon about the neglected areas between 1980 and 1990 involve the whole Europe, although with great diversity of cases. The abandoned spaces define today a different problem: the research developed by Philip Oswalt about the Shrinking cities highlighted the transition from growth and expansion processes that characterized the modern age, to shrinkage phenomena. Today's tangible decrease is related to those studies that redefine a world map of the shrinking cities, trying to measure the most recent transformation that correspond to variations of principles, actions, practices and design strategies. The demographical, economical and building decreasing, in addition to the significant contraction of the investment on social services offered by the public sector to citizenship, reflects a census of abandoned areas in the municipality of Milan that shows the changing of the geography of the areas, the relationship between the abandoned sites and the historical memory, the physical state of the involved artefacts.

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Works outlooks | The current research is based on idea to build on existing, helping in decreasing or at least bounding the soil consumption, assuming the existing building and areas as resources to be improved. At the same time the research wants to raise real problems, that are more and more going to define a future challenge of our work as architects to the attention of citizens and teachers working in different courses/workshops of Politecnico. The value of this challenging initiative is underlined by the passage from the evidence of the critical aspects of the existing, towards finding collective values, to the renewal of a design culture meant as shared social product. The project, as a social product, has to come back to gain the ability to face the future and to explore new mental and imaginative paradigms. It is a research that aims to rediscover those areas of collective discussion that can feed a comparison of merit and content and to power on the discussion toward a multidisciplinary approach.

On this common background, a group of professors, young researchers and their students has undertaken to deal with the questions expressed by the society and by the municipality. The results that the projects wants to reach are proposals for the urban spaces of the sociality, of the hospitality, for the contemporary dwelling, within new scenarios for different uses: temporary housing, social housing, spaces for the shared life but also spaces for cultural activities, open spaces for the urban agriculture and gardens. Those are just some of the functions that the design proposal gives shape to, confronting with the urban policies necessary for their implementation.

As both didactical and research experience, Re-forming Milan trains the students in the built up space enhancement, and in the soil consumption restraint, looking to the next decades trends of decreasing and shrinking phenomena. At the same time, starting from the Milan map of the abandoned areas and buildings, the work has reached a selection of significant places. Those critical places - that are nowadays acting as fractures in the urban fabric - become themselves opportunity and the matter of a possible transformation: they become real resource for the future of the city.

Keywords: *reuse, heritage, build on the built up*

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