



18th INTERNATIONAL CONFERENCE ARQUITECTONICS: MIND, LAND AND SOCIETY

THE NEW SENSE OF PLACE: EDUCATION, PROFESSION AND SOCIAL INTERACTION

BARCELONA 3-4-5 JUNE 2020

CALL FOR PAPERS

Supported by:

UPC Research Group (GIRAS)
Polytechnic University of Catalonia (UPC)
Barcelona school of architecture (ETSAB)

UNICEF; Children friendly cities
Ministry of economic and education
COAC. Catalan Association of
Architects

Mind, Land & Society Arquitectonics Network

Conference Organizers:

Magda Saura, Ph.D. University of California, Berkeley and Professor of architecture Barcelona's School of Architecture ETSAB, Technical University of Catalonia UPC.

Josep Muntanola, Architect and City Planner, Senior Professor Barcelona School of Architecture ETSAB, Technical University of Catalonia UPC. Founder GIRAS Research Group.

**The extended abstract submission deadline is February 28th
2020 Early registration deadline extended! 300 EUR before
February 28,2020**

MAIN GENERAL THEORETICAL FRAME

For many reasons, this new International conference is especially significant. Not only for personal circumstances but also for a very important changes in the arquitectonics topics of interest.

The New Sense of Place going towards the liberation of the Heidegger obsession by architects in the last century is one of these reasons, as Richard Sennet has very brilliantly analyzed in his last book (1). This is one of these reasons, but there are others. One is the increasing stress and tiring conditions of a global world "smart" subjected to the "big data" of algorithms, making life a mathematic deterministic product. Therefore, an algorithm, in general, can support Hegelian historicisms, creationistic "bio-design" or stylistic and psychological a priori "rules" of design. When mathematics and technology take the power people seems "lost in translation" from life into the virtual or abstract representations of this life (2), forgetting, in this way, that is the human brain that produces the algorithms not the other way around.

However, the most important sign of big changes is the 100 hundred years of the Bauhaus celebration in Dessau where only one school of architecture was invited, la "Ciudad Abierta" of Valparaiso, Chile (3), together with many other art schools around the world, not other prestige school of Architecture, technical or artistic, from famous cities were invited. (4)

If we consider the explosion of Design Schools all over, we should remind that both , the Bauhaus and the School in Harvard founded by Gropius, where **Schools of Design** and for that we have now the "coalition" among informatics, design and architecture that is inexorably developing.

The link between education, profession and social interaction is, then, the key point, and the answer in order to avoid a nightmare should be the "new sense of place", perhaps a totally "new human sense" (but not anti-human sense) is the answer of the puzzle.

Instead of fighting each other, the artificial intelligence, the digitalization of the profession (See the Gaudi Sagrada Familia how is built today) (5) and the social interaction between a healthy and peaceful cultural diversity of our society today, should dialogue in order to find a new deep



interdisciplinary meaning on architecture and planning.

The knowledge of the mind, the social, dialogue and the power of the place, admired by Aristotle (5), should share this common knowledge. Of course, the three ask for, and point to, human freedom and democratic rules in and between the cities.

This text by Mumford in the dark year's preceding the II World War is today a good advice (6):

"..Nothing is so savage –Aristotle observes- as 'injustice in arms', and injustice in arms is the very essence of the class suppressions and the imperialistic conquests that are being waged by the more backward ruling classes throughout the world today, and whereas the barbarian who brought to an end the Roman civilization had a conviction of strength but not a strength of conviction, fascism has been preceded by an intellectual advance guard of fantasies, rationalizations, codes and dogmas, that have systematically prepared the way for neurotic simplifications of human conduct, inordinate collective ambitions and perfectly infantile forms of communal savagery..."

Consequently, the main dimensions of this new sense of place are:

First, history is no more uni-linear but poli-linear, each subject is a crossing place of histories (and stories) going to life (and not to death in a heideggerian way).

Second, this new place demands "authenticity", ethical, scientific and aesthetic, not "virtual" authenticity alone is admitted, the virtual subject and the alive subject are different and can be interrelated, but they cannot be confused.

Third, a new sense of home arise from these two premises, the new "home" (or "Bauhaus") is a "home for human life, flesh and birth, not a home for "death", therefore the climatic control will be fundamental.

These three dimensions of the **new sense of place** have been clearly defined by Luis Umbalino following Paul Ricoeur ideas in 2017 (7).

- (1) Sennet Richard (2019) Building and Dwelling. Ethics for the city. Farrar, Straus and Giroux
- (2) Zimmermann, Rainer. (2015) METAPHYSICS OF EMERGENCE PART I THE FOUNDATIONS OF SYSTEMS Verlag. Berlin
- (3) Garcés, Andrés. La ciudad como teatro.
- (4) Just look the 100 years of the Bauhaus in Dessau 20-25 March 2019.
- (5) Muntañola, Josep Arquitectura y Modernidad. Suicidio o reactivación. Arquitectonics vol 29. Barcelona: Edicion Upc, 2016.
- (6) Mumford, Lewis. (1935) THE NEW REPUBLIC, New York, Looks it familiar
- (7) Umbalino, Luis (2017) "On Paul Ricoeur's Unwritten Project of an Ontology of Place" Critical Hermeneutics. Vol 1.

RECENT BIBLIOGRAPHY

New Book: Muntañola. J. (2019) Arquitectonics 31 Architecture and knowledge I. Barcelona: Edicions UPC

Muntañola. J. (2016) Arquitectura y modernidad: ¿Suicidio o Reactivación?. Arquitectonics: Mind, Land & Society (vol. 29). Barcelona: Iniciativa digital Politècnica.

Josep Muntañola Thornberg, Magda Saura Carulla, Júlia Beltran Borràs, Maria Teresa Trejo Guzmán, and Josue Nathan Martínez Gomez ON THE SEARCH OF THE BIO-PSYCHO-SOCIAL DIGITAL KERNEL OF ARCHITECTURAL DESIGN, 3rd International conference BIODIGITAL ARCHITECTURE & GENETICS, ESARQ, Barcelona, 2017.

Josep Muntañola Thornberg, Magda Saura, Júlia Beltran, Sergi Méndez, Josue Nathan Martínez Gómez, Sara Cristina Molarinho Marques. THE CONFIGURATIVE KNOWLEDGE OF ARCHITECTURE: FROM CHILDHOOD TO ADULTHOOD UNCOVERED BY THE SPACE SYNTAX ANALYSES, 11th International Space Syntax Symposium, Lisbon, 3-7 July 2017.

Saura, M., Muntañola, J., Méndez, S., Beltran, J. DE LA EDUCACIÓN DEL ARQUITECTO A LA ARQUITECTURA DE LA EDUCACIÓN: UN DIÁLOGO IMPRESCINDIBLE. "Bordón. Revista de Pedagogía", Madrid, 01 Gener 2016, vol. 68, p. 165-180.



Muntañola, J., Saura, M., Beltran, J., Mendoza, L., Méndez, S. REPRESENTAR Y PROYECTAR ARQUITECTURAS EN LA ERA DIGITAL. "EGA. Revista de expresión gráfica arquitectónica", 1 Juny 2016, núm. 27, p. 42-53.

Magda Saura, Sahar Pakseresht and Júlia Beltran, A CROSS-CULTURAL, COMPARATIVE MORPHOLOGY-STUDY OF TWO COMPOSITE CITIES: COUTYARD DESIGN IN BARCELONA AND KERMANSHAH, In:" Rethinking, Reinterpreting and Restructuring Composite Cities", Published by Cambridge Scholars Editions, 2017, p. 103 -119.

Muntañola, J., Saura, M., Beltran, J., Trejo, M. Teresa; Martínez, J. Nathan, SEMIOTICS AND ARCHITECTURE: HOW CAN IT BECOME A FRUITFUL COACTIVE RELATIONSHIP?, Paris, Gaëtan Desmarais editor (In process Anthropos edition), 2018

KEY SPEAKERS:

3rd June:

Luis Umbelino Philosopher from Portugal about THE ONTHOLOGY OF PLACE ACCORDING PAUL RICOEUR

"I am at Home. Philosophical approaches to an almost familiar phenomenon"

Karl Friston. Neurologue from England about NEUROLOGY AND THE SENSE OF PLACE. Profesor MB, BS, MA, MRCPsych, FMedSci, FRSB, FRS, Scientific Director: Wellcome Trust Centre for Neuroimaging at Institute of Neurology, UCL.

"In the 'I' of the beholder"

This presentation offers a heuristic proof (and simulations of a primordial soup) suggesting that life is an inevitable and emergent property of any (weakly mixing) system that possesses a Markov blanket separating internal and external states. Crucially, this separation means that internal states will appear hold 'beliefs' about external states. In short, internal states (and their Markov blanket) will appear to model—and act on—their world to preserve their functional and structural integrity. This leads to a Bayesian mechanics, which can be neatly summarised as self-evidencing. Using simulations of action observation and visual searches, I hope to unpack the implications of this mechanics for the way that we perceive things—and the key role of epistemic affordance in our designed environments.

Addenda Architects, from Barcelona

"The new building of the Bauhaus in Dessau: Architecture of memory"

4th June:

"Place consciousness, bioregional urban planning, self-government"

Alberto Magnaghi, Architet and senior professor at UNIFI,
Anna Marson, Urbanist and professor at IUAV di Venezia,

"Smart land: sociophysical frames. Community, enterprise and mutualism and solidarity."

Aldo Bonomi, Sociologist, AASter (associazione agenti di sviluppo del territorio)

"Local community, land history evolution and changes in the economic dimensions."

Fabio Parascandolo , geographer and researcher at Università di Cagliari.

5th June:

Alberto Campo Baeza Doctor Architect from Spain about ARCHITECTURE AND POETIC RULES
"Surrender and Globalization"

Abalos+ Sentkiewicz, AS+ (Madrid, Cambridge y Shangai)

Barozzi-Veiga. Architects. Barcelona

"The new campus in the Art Institute of Chicago: Architecture and Art"



THE NINE TOPICS OF THE CONFERENCE

The 9 topics of the next 18th International conference in Barcelona redefined in the follow very way:

EDUCATION

1) TEACHING ARCHITECTURE AND URBAN EDUCATION TO CHILDREN

How to prepare children to live in a new place that is becoming in a globalized world?

What are the best pedagogies for the involvement of architecture in education, besides mathematics, history, etc.? What kind of interdisciplinary are needed? What are the political implications of architecture and urban planning teaching in children education? What are the spatial dimensions of the new experiential education, both in projects teams and personal activities? How to use the urban quality indicators developed by the UNICEF Program the Childs Friendly Cities? LAS CIUDADES AMIGAS DE LA INFANCIA? (*Sheridan Bartlett: Urban children: Discussion of UNICEF PROGRAMMING DIRECTIONS. New York, 2010*)

2) TEACHING ARCHITECTURE AND URBAN PLANNING IN THE UNIVERSITY

What are the best methods and theories for teaching architecture at universities? Which interdisciplinary networks are more appropriate? How to analyses the best way to teach projects, whether with the same program and place for all students in a workshop, or individual freedom to create the program and place of project? How to achieve a balance between an individual obsession with innovation and a rigid homogeneous discipline for all participants in a workshop? How to relate the theories described above and teaching of architecture at the university? How to relate architecture schools with their historical and social environment in full transformation? (*Ashraf Salama: Spatial Desing Education. Routledge 2015.*)

3) SMART CITIES AND BUILDINGS, IT'S DESIGN, PAST AND FUTURE.

Design teaching institutions have invaded our cities with hundreds of masters on design with the most diverse characteristics; we invite these institutions, their students and professors to participate and discuss their theories and practices.

What are the relations between design and art? How can these schools introduce the digital tools in order to produce a qualified design?

What are the relations between city and designing public spaces, museums, etc.? How the cities can adapt to the new sense of place?

ARCHITECTURAL PRODUCTION

4) THE EVOLUTION OF KNOWLEDGE IN DESIGN STUDIOS. THE SPECIFIC MODERNITY

How we can generate the new sense of place from the building knowledge inside the interdisciplinary studios of architecture? How to uncover the difference in knowledge (embedded, extended or distributed) between single discipline and interdisciplinary design studios

All theoretical views are accepted: phenomenological, systems theory, hermeneutic approaches and other theoretical frameworks.

5) DESIGNIG AND BUILDING THE NEW SENSE OF PLACE

Sustainability and natural orders related to architecture and construction are welcomed. Dissertations about the interplay between technology and design processes are needed. Feedbacks between design and construction are needed related to specific architects or generations of architects.

6) USING DIGITAL TOOLS TO CREATE THE NEW SENSE OF PLACE

Analyses about the feedback between experience and knowledge in the architectural and urban design processes are welcomed. PhD Dissertation about digital tools: space syntax, ELAN, ISOVISTS, BIOGENETIC ANALISIS etc. as tools for a better design are needed.

PLANNING PARTICIPATION

6) SOCIAL PARTICIPATION IN PLANNING AND THE CONCEPT OF THE NEW SENSE OF PLACE CONSIDERED A DESIGN PRODUCT.

Experiences and theories about a social oriented planning process taking into account the cultural diversity of places and users, and the different factors and roles involved in this same process.



The gentrification processes and the way to allow human welfare for all the different social groups and values, without social exclusions. (*Richard Sennett: Building and dwelling. Farrar, Straus and Giroux. New York 2018*)

7) TOOLS AND THEORIES FOR THE SOCIAL EVALUATION OF BUILDINGS AND CITIES AND OF THE SOCIAL PARTICIPATION IN PLANNING.

How rehabilitation, renewal and analysis of post occupation of places can improve human life? How can interdisciplinary research help improve evaluation? What are the best theoretical interpretations of data? What is the role of architects in the social processes of participation of planning? What is the difference between traditional urban design and co-working and cooperative organization of architects, in relation to the social participation in architecture and in planning? What is the role of architects in the new sense of place?

9) ARCHITECTURAL DESIGN AND SOCIAL HISTORY: HERITAGE AND HISTORY OF URBAN FORMS

Life in cities cannot be fixed in a museistic way. However, to design in order to defeat the existing culture of cities is an artificial work that can only produce thematic parks, where the urban life is as dead as a videogame.

The dialogue and the convergence between tradition and modernity and between innovative design and the history of culture are then needed, in order to build the new sense of place. To preserve our heritage in order to improve the human conditions of our cities is the key aspect at this point. Neither museums, nor thematic parks but livable cities that are in permanent clever transformation, thanks to the specific modernity of each place and to social participation in planning.

INTENSIVE COURSE 2020. – The New Sense of Place

Analysis and evaluation of the theoretical frame of master and Phd. dissertations in process.

Barcelona, 8-9-10-11 June 2020

1. The fundamental correlations between design innovations and history of architectural culture: The physic- psycho-social epigenetic model by Gottlieb and Langer, and the topogenetic dimensions of human life by H. Pointcare, R. Zimmermann and p. Ricoeur the new sense of place.
2. Reflexions upon last architectures practical theories from an Aristotelian prospective: the three dimension structure of architecture between design, construction and the social use of places. Hillier, Alexander and beyond with Mumford, Sennet and Bakhtin. The topogenetic model the Umbalino explication of Ricoeur and the Pierre Kaufmann vision of placeness.
3. The pathological prospective of architecture and planning in between three critical human phenomena: Illness, stress and war, and the basic role of criticism and education the topogenetic model as social welfare.
4. The practical wisdom of architects today in a global and digital world. From Aristotle toward today the human recapitulation and the heterochronic structures of men in between arts, science and political views. The architectural and urban practices as theories from a topological point of view, the reactivation of architecture or the suicide of architects in between the Bing Bang and the day by day reality.

INSCRIPTION

PARTICIPATION WITH ABSTRACTS:

Participation or attendance of the conference opens 1st September 2019. Co-authors who will not attend the congress do not need to register or pay the fee, but they will not receive a certificate of attendance. Co-authors who will attend the congress need to register and pay partial fee. Authors and co-authors can participate only to a maximum of two abstracts.

If you are interested in participating, please fill the online registration form as a first step:



<https://form.jotformeu.com/91911938544364>

The deadline for abstracts submission in English or Spanish is **February 15, 2020**. We ask for one page A4 abstracts to be sent by email to newsletter.pa@upc.edu. All accepted abstracts and full papers will be published on the web: www.arquitectonics.com with ISBN. Full papers with 10 pages should be sent between the first of September until 31 of October 2020 and they will all be uploaded with ISBN in open access in the web. A selection of the full papers will be published in the international journal Arquitectonics: Mind, Land & Society.

PARTICIPATION WITH PRESENTATION WORKSHOPS:

(New modality of participation in the 18th Conference ARQUITECTORNICS MIND LAND AND SOCIETY in Barcelona 3, 4, 5 June 2020)

After several proposals, we include in the program a new possibility of participation with student design workshops with the following conditions:

- Each workshop should have a minimum of one professor and two students registered in the conference.
- Each workshop will expose the work during two hours including a discussion of it. We recommend one-hour maximum for the description of the work. The workshop sessions will be held with the same schedule of the written communications, the three afternoons of the conference from 15 hours until 20 hours.
- The jury will be organized with the key speakers and professors of the conference. There will be the possibility of a short publication of the work and of the discussion of the jury.
- Students can follow the lectures, and if they have enough preparation (master etc.) they can present an abstract and participate in the intensive course with same registration of the other participants on the course.
- The work can be presented virtually or in paper. There will be time and place to prepare the presentation
- Language regulations in Spanish or English are the same than in abstract sessions. No simultaneous translations and free use of Spanish or English in verbal or graphic communication.

REGISTRATION FEES

	PROFESSORS RESEARCHERS PROFESSIONAL STUDIOS	STUDENTS
CONFERENCE ATTENDANCE WITH ORAL PRESENTATION*	400€ 300€ (until February 28th 2020)	200€
LISTENERS (ONLY ATTENDANCE)	200€	100€
INTENSIVE COURSE ATTENDANCE	+200€	+100€ with the conference + 200 without the conference



The payment for the Congress must be made by bank transfer indicating **T-00473 + Name of participant**. We ask you to send us to our email newsletter.pa@upc.edu the payment proof. We will always send a receipt of payment, in case you need an invoice you must communicate us so we can send a request with the data needed and the declaration of data protection.

IBAN: ES82 2100 0655 7102 0039 5815

SWIFT: CAIXESBBXXX

ADDRESS: "LA CAIXA" Office 0655 Carrer Trias Giró, 11-13, 08034 Barcelona

**18th EDITION
INTERNATIONAL CONFERENCE
ARQUITECTONICS NETWORK:
MIND, LAND & SOCIETY**

Luis Umbelino
Philosopher, Universidade de Coimbra

Karl Friston
Neurologue, Professor, UCL

Addenda Architects
Architects from Barcelona

**BARCELONA
3-4-5 JUNE, 2020**

Alberto Magnaghi, Architect
University of Florence

Anna Marson, Urbanist, University of Florence

Aldo Bonomi, Sociologist, University of Florence

Fernando Parascandolo, Geographer, University of Florence

Alberto Campo Baeza
*Architect
Catedrático Senior, ETSAM*

Abalos + Sentkiewicz, AS +
Architects

Barozzi-Veiga
Architects, Barcelona

JOSEP MUNTAÑOLA
Catedrático Senior, ETSAB

VENUE: TECHNICAL UNIVERSITY OF CATALUNYA UPC
SCHOOL OF ARCHITECTURE ETSAB
DIAGONAL 649, BARCELONA 08028

ORGANIZER: PROFESSOR MAGDA SAURA, HEAD OF GIRAS RESEARCH GROUP
FREE ATTENDANCE FOR ETSAB STUDENTS
ENTRADA LLIURE PER ESTUDIANTS ETSAB
ENTRADA LIBRE PARA ESTUDIANTES ETSAB
REGISTRATION INFO: SARA MOLARINHO, PH.D.CANDIDATE
newsletter.pa@upc.edu
www.arquitectonics.com

UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH

UPC

MIND
AND
SOCIETY
ARQUITECTONICS NETWORK

MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD

COAC
Col·legi d'Arquitectes de Catalunya

unicef

Ciudades Amigas de la Infancia

Servici de Catalunya
Departament d'Empreses i Coneixement
Secretaria d'Universitats i Recerca