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21st INTERNATIONAL CONFERENCE ARQUITECTONICS: MIND, LAND AND SOCIETY

What is Happening to Modern Architecture?

(In the 75th Anniversary of the Seminar in MOMA in New York with the Same Title)

BARCELONA 31 MAY- 1,2 JUNE 2023 Live format with streaming option

CALL FOR PAPERS

Supported by:

UPC Research Group (GIRAS)
Polytechnic University of Catalonia (UPC)
Barcelona School of Architecture (ETSAB)
Mind, Land & Society Arquitectonics Network

UNICEF; Children Friendly Cities
Ministry of Economy and Education
COAC. Catalan Association of Architects
ROYAL ACADEMY OF ARTS Reial
Academia Catalana de Belles Arts I de Sant
Jordi

Head of the CONFERENCE Josep Muntañola Thornberg PhD Architect Member of the GIRAS group UPC and President of the Academia Catalana de les Belles Arts I de Sant Jordi;
ORGANIZATION

Carmen Escoda Pastor Architect PHd Beaux Arts Professor ETSAB Barcelona
Julia Beltran Borras PhD Architect Post doctoral Professor Design Department ETSAB Barcelona

Members of the Research Group GIRAS-UPC

José Manuel de la Puente Phd Architect head of the group GIRAS Josep Fauli Phd Architect Marriolly Davila Phd Architect Mónica Piera Phd Art historian Josep Borras Phd Musicologo Raquel Lacuesta Phd Art historian Magda Saura Phd Architect

Colaboradores

Luis Angel Dominguez Phd Architect Margarita Costa Phd Architect Ana Cocho Phd Architect Isabel Zaragoza Phd Architect Anna Pujol Doctora Engineer Av. Diagonal, 649-651, 5.2, 08028 Barcelona Tel.: +34 93 401 64 06 Email: newsletter.pa@upc.edu, URL:www.arquitectonics.com

Definitive deadline for submitting abstracts: 31 March 2023 (Registration fees: From 1 October 2022 until 1 May 2023)

MAIN SPECIFIC TOPICS OF THIS CONFERENCE

THE EMERGENCE OF A NEW HUMAN SPATIAL MEMORY AMONG ALGORITHMS AND CHRONOTOPES

AND THE EMERGENCE OF A NEW POWER OF DIGITAL ART AT THE INTERSECTION OF DIFFERENT ARTS AND THE DIGITAL NEW ENVIRONMENT(31 MAY 2023)

ENVIRONMENTAL DESIGN INNOVATIONS AND SOCIAL DIALOGICS (1 JUNE 2023)

WHAT IS HAPPENING TO MODERN ARCHITECTURE? (2 JUNE 2023)

MAIN GENERAL THEORETICAL FRAME.

The text of this call for papers considers the new environmental situation of the world by taking care of the dialogue between the artificial intelligence and the real social, and cultural experiences of the spaces produced after the COVID pandemic. As Professor Rainer E. Zimmermann insisted upon in his key speaker lecture in Barcelona in ARQUITECTONICS 2017 (1), the virtual world and the virtual users of this world have different abilities than the subjects with presential social interaction behaviors, and because of that, the dialogue between both dimensions of the human life is essential today. Also, for this same reason, Professor Josep Muntañola has accepted to participate in the coordination of the new master course in the UPC about THE ARTIFICIAL INTELLIGENCE FOR ARCHITECTS & DESIGNERS.

So, a New Sense of Place (2) is developing towards the liberation of the Heidegger obsession by architects in the last century, as Richard Sennet has very brilliantly analyzed in his last book (3), and this is analyzed in the volumes 32 and 33 of the ARQUITECTONICS SERIES (2) and (4). But this new place has not yet to be built, and we are inside an uneasy "INTERREGNE" between nature and culture subjected to ignore constraints.

Looking for answers in front of this coming situation, 75 years ago, in 1948, the MOMA Museum of New York held, with the coordination of Lewis Mumford, a singular Symposium with the title WHAT IS HAPPENING TO MODERN ARCHITECTURE? that has been analyzed in recent conferences in our network, and it will be one of the topics of this 21st conference in June 2023 (5).

If we consider the explosion of Design Schools all over, we should remind that both the Old Bauhaus and the School in Harvard founded by Gropius were **Schools of Design**, and for that reason we have now the nexus among informatics, digital bio-revolution, and design theories and architectural theories and practices that is inexorably developing. The link between education, profession, and social interaction is, then, the key point, and the answer to avoid a nightmare should be the "new sense of place". Perhaps a totally "new human sense" (but not an anti-human sense) is the answer of the puzzle, as the New Bauhaus is trying today to find.

Instead of fighting each other, artificial intelligence, the digitalization of the profession, 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 and inter-artistic meaning on architectural and planning design practices and theories.

The knowledge of the mind, the social dialogue, and the power of the place, admired by Aristotle (6), should share this common knowledge. Of course, the three ask for, and point to, a new human freedom with democratic rules in and between the cities and cultures.

GIRAS)

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

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

Second, this new place demands "authenticity", ethical, scientific, and aesthetic, not "virtual" authenticity alone. The virtual subject and the living subject are different and they must be interrelated, but they cannot be confused.

Third, a new sense of home arises from these two premises, the new "home" (or "Bauhaus") is a "Home" for human life, flesh and birth, and therefore the climatic control will be fundamental.

FACTS upon a DIALOGICAL equilibrium between virtual and real social life that the new sense of places should develop and build.

Fifth, a new human spatial memory is emerging from among algorithms and chronotopes, that is, between the machines and the human brains, and in this dialogue our brains produce the other way around the machines. AND THE ARTISTIC NEW DIGITAL INTER-ARTISTIC PERFORMANCES COULD BE GOOD FACTS TO ANALYZE.

These three dimensions of the **new sense of place** have been clearly defined by Luis Umbelino, following Paul Ricoeur's ideas, in 2017 (6), and we have already defined the new knowledge that designers need in this new place, in two articles in the ISUF 2020 in Barcelona, and in the ISUF 2021 in Glasgow, and it has been described in an article in Moscow in 2022 (7) (8). We can conclude with the following argument by Sigfried Giedion in the reedition of his famous book, Space Time and Architecture in 1963, that was analyzed by Professor Josep Muntañola in the foreword of the Spanish edition of the last book by Giedion, Architecture as a Phenomenon of Transition, published in Barcelona in 1975 (9):

"Each generation of humans needs to look for an equilibrium between feeling and thinking, building a new architecture and planning able to articulate the interior and exterior dimensions of the human culture, supporting in this way their affinities ".

From the philosophical view by Paul Ricoeur, this implies a social dialogue between the *Arque* of Freud and the historical social Telos that he himself defined in his last book in 2005 (10). These two books, one by Giedion and

another by Ricoeur, were posthumous books and they are almost forgotten.

Finally, a short synthesis of the situation today by Josep Muntañola has been recently published in Moscow (11)

- (1) Zimmermann, Rainer. (2015) METAPHYSICS OF EMERGENCE PART I THE FOUNDATIONS OF SYSTEMS Verlag.
- (2) Muntañola J. THE NEW SENSE OF PLACE In ARQUITECTONICS Volum 32 Iniciativa Digital Politecncia UPC 2021
- (3) Sennet Richard (2019) Building and Dwelling. Ethics for the city. Farrar, Straus and Giroux
- (4) MuntañoaJ.ARTIFICIAL INTELLIGENCE FOR ARCHITECTS AND DESIGNERS Volume 33 ARQUITECTONICS Iniciativa Digital Politecica.Barcelona 2022-23
- (5) Fenske G.What is Happening to Modern Architecture ? in ARQUITECTONICS Volume 21-22 Iniciativa Digital Politecnica Barcelona 2011.
- (6) Umbalino, Luis (2017) "On Paul Ricoeur's Unwritten Project of an Ontology of Place". CRITICAL HERMENEUTICS. Vol 1.
- (7) Muntañola, J. and others (2020) The emergence of cities in between the urban morphological studies, design Poetic Achievements and the Ethnomethodological social surveys. ISUF. Barcelona, 2020. Actas Vol. 7.
- (8) Muntañola J and others the dialogical génesis of urban forms. ISUF Glasgow, 2021
- (9) Munatñola J.Prologo del último libro Postumo de Sigfreid Giedion publicado en español el año 1975 en la editora Gustavo Gili en Barcelona, 1975
- (10) Ricoeur P. Les Parcours de la Reconnaissance Gallimard Paris 2005.
- (11) Muntañola J. (2022). Lotman and Bakhtin in the architectural design theories of today. Human begin: Image and essence. Humanitarian aspects. Moscow: INION RAN. Vol.1(49): Semiosphere: special aspects. To the 100th anniversary of Yuri Lotman, pp. 7-27. DOI: 10.31249/CHEL2022.01.01I. 30-----

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RECENT BIBLIOGRAPHY

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Josep Muntañola Thornberg, Magda Saura Carulla, Júlia BeltranBorràs, Maria Teresa Trejo Guzmán, and Josue Nathan Martínez Gomez ON THE SEARCH OF THE BIO-PSYCHO-SOCIAL DIGITAL KERNEL OF ARCHITECTURAL DESIGN, 3rt 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 ANALYSIS, 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.

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Magda Saura, Sahar Pakseresht and Júlia Beltran, A CROSS-CULTURAL, COMPARATIVE MORPHOLOGY-STUDY OF TWO COMPOSITE CITIES: COURTYARD 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

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WHERE TO FIND THE PUBLICATIONS OF THE NETWORK ARQUITECTONICS?

We would like to inform that our new book is out, <u>33 Arquitectonics: Artificial Intelligence for architectural design</u>, and you can find it on the web UPC Commons. You can also find the previous numbers here: <u>Old Numbers of Arquitectonics</u>

You can buy Arquitectonics Books on Iniciativa Digital Politècnica

All publications related to the Conferences you can find on our web <u>Arquitectonics</u> and on <u>UPC Conferences</u>. Here you can find the papers of the conferences in open access, and the link to the Archive of the Catalan Urban Forms made by the GIRAS UPC RESEARCH GROUP during the last 40 years.

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KEY SPEAKERS

VICTOR GOMEZ PIN

Philosopher Emeritus Professor at the Autonomous University of Barcelona (www.ontologia.info) "The Modalities of Human Reason and the Called Artificial Intelligence"

RAN SHABTAY

PhD student in the Universidad Internacional de Catalunya Tres Intervenciones de 30 minutos sobre el interés de la Inteligencia artificial en el diseño arquitectónico (Ver volumen 33 de la serie Arquitectonics: Mind Land And Society)

SUSANA HERRERA

Architect Founder of the social Center "La Factoria" in Xile.In charge of the Chilean Embassy In England

JUAN DOMINGO SANTOS

PhD Architect FAD Prize of Criticism 2014 Barcelona. Worked with Alvaro Siza Vieira in the "New Door of the Alhambra " La Alhambra (Granada) Professor in Granada school of Architecture and in other schools.

He will evaluate the studios and the Universities that participate in the conference

BRADY WAGONER

Expert on Spatial Memory at Aalborg University Denmark "Space and Memory: Methodological Considerations"

ANA PAULA DE OLIVEIRA LEPORI

Head of the Strategic plan of the city of Santo André in Brazil until 2053.

Different schools of architecture will explain basic design courses and workshops

UNIVERSIDAD DE LA SALLE - OAXACA (México)

https://www-ulsaoaxaca.edu.mx

Profesor Josué Nathan Martinez Gomez.

DΙ

FACULTAD DE ARQUITECTURA Y URBANISMO PUCV (Chile)

Web: https://www.ead.pucv.cl/

Profesores Rodrigo Saavedra (Decano) y Juan Carlos Jeldes.

UNIVERSIDAD NACIONAL EXPERIMENTAL DE TÁCHIRA (Venezuela)

Web: http://www.unet.edu.ve/ Profesora María Gabriela Rive

UNIVERSIDAD TÉCNICA PARTICULAR DE LOJA

Web: https://www.utpl.edu.ec/

Facultad de ingeniería y arquitectura .Carrera de Arquitectura Loja (Ecuador)

Profesores Katherine Soto Toledo, Karina Monteros Cuevas, Alexandra Moncayo Vera,

(GIRAS)

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ARCHITECTURE STUDIOS BASED IN BARCELONA, WHO ARE EXTENDING THE ARCHITECT KNOWLEDGE ACROSS THE HABITUAL PROFESSIONAL LIMITS WILL, PRESENT THEIR WORK AND PROJECTS.

VOLTES COOPERATIVA D'ARQUITECTURA

https://voltes.coop/

We are a cooperative specialized in architecture and urban planning. Our lines of work develop a conscious architecture with the social and built habitat, open to the processes of social participation and collective transformation. We are looking for alternatives to the traditional way of living in the profession with a horizontal organization. We want to work with other disciplines, groups and professionals, facilitating and promoting shared knowledge. We believe in the empowerment through collective work and focus our practice as a tool of social transformation. We support research and technical rigor to advance in a respectful relationship between the built environment and society.

EXTERNAL REFERENCE

http://www.externalreference.com

External Reference is an architecture studio based in Barcelona with project all around the world and a multidisciplinary team with professionals from over 15 different countries. External Reference integrates luxury and sustainability, digital and physical, art and technology, adapting these cultural aspects to the needs of our clients in order to shape spaces that reflect both our design philosophy and the client's unique individuality.

Jelena Prokopljević Studio

Web: https://jelenaprokopljevic.wordpress.com/

Jelena Prokopljević is an architect and researcher in the field of history of socialist, east European and Asian architecture and urbanism in the global context. Graduated from the University of Belgrade (1998), holds a PhD at the Polytechnic University of Catalonia (2006). Adjunct professor of History and Theory of Architecture at the International University of Catalonia. Member of the experts' committee of the European Prize for Urban Public Space and nominator of the Mies van der Rohe Prize for Contemporary Architecture; member of the direction board of Arquin-FAD (association for Fostering of Architecture and Design). Participant in the Korean Pavilion for Venice Biennale 2014 and co-curator of "Aftermath"- In the Catalan exhibition for the Venice Biennale 2016.

Josep Ferrando Architecture

Web: https://www.josepferrando.com/

Looking for a multifaceted vision of architecture, this studio takes into account the complexity of architectural and urban design today ,by taking geometry and efficiency as the fundamental values of the work.

Josep Ferrando is the Dean of the Faculty of Architecture, La Salle, in Barcelona and member of the organization of the main cultural international events in the city in representation of the Catalan Association of Architects.

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TEMAS DEL CONGRESO:

Selected abstracts will take into account in a aspecial way the impact of the use of the computer and the sensitivity to climate change in the six themes of the congress.AND ABOUT THE ENVIRONMENTAL AND DIGITAL POWER OF ART IN OUR SITUATION LOOKING FOR **INTER-ARTISTIC DESIGN PERFORMANCES**

MAY 31th: THE ARCHITECT EDUCATION

1) TEACHING ARCHITECTURE, URBAN PLANNING AND DESIGN TO CHILDREN

How to prepare children to live in a new place that is becoming a globalized world? How to combine the presidential and the virtual communication in the bio-revolution of the Covid 19? What are the best pedagogies for the involvement of architecture in education, besides mathematics, history, etc.? What kind of interdisciplinary skills are needed? What are the political implications of architecture and urban planning teaching in children's 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 Child 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? How to relate the virtual tele-education with the real social experience of physical spaces? Which interdisciplinary networks are more appropriate? How to analyze 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 Design Education. Routledge 2015.)

3) SMART CITIES AND BUILDINGS, THEIR 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. How to use computer simulation in such a way that the scientific, aesthetic and ethical capabilities of the users increase.

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

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

The new UPC master in Artificial Intelligence for Architects and Designers intends to answer these auestions.

JUNE 1st: ENVIRONMENTAL DESIGN INNOVATIONS AND SOCIAL DIALOGICS.

4) 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 considering 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). After the bio-revolution, the ethical responsibility of designers increases, and they cannot escape from it by using mathematical models.

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

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How can rehabilitation, renewal, and analysis of post occupation of places 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? After the bio-revolution the ethnomethodological analyses are more important than ever. (See David Seamon's works).

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

Life in cities cannot be fixed in a museistic way. However, to design 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. History has always dealt with epidemics, and they can help us now.

JUNE 2nd: WHAT HAPPENS WITH MODERN ARCHITECTURE?

7) THE EVOLUTION OF KNOWLEDGE IN DESIGN STUDIO: THE SPECIFIC MODERNITY

How can we 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.

Analyze the design production in studios after the bio-revolution. The three transparencies in Architecture: Physical, mental and social. Generate the specific modernity in each historical situation.

8) DESIGNING 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 related to specific architects or generations of architects are needed.

9) USING DIGITAL TOOLS TO CREATE THE NEW SENSE OF PLACE WITH ARCHITECTURE AND WITH GENERAL DESIGN PERFORMANCES

Analyses about the feedback between experience and knowledge in the architectural and urban design processes are welcomed. PhD Dissertations about digital tools: space syntax, ELAN, ISOVISTS, BIOGENETIC ANALISIS etc. as tools for a better design are needed. How to help control the pandemic with such a digital tool.

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INTENSIVE PERMANENT COURSE THREE SESSIONS IN MARCH APRIL AND MAY 2023

ONLINE (IN PROCESS)

It will include the analysis and evaluation of the theoretical frames of masters and PhD Dissertations in process related to the network ARQUITECTONICS. And it will be a preparation for the conference too.

- 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 in the new sense of place.
- 2. Reflections upon last architectures practical theories from an Aristotelian perspective: the three dimensional 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 perspective 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. Artificial intelligence can be both a danger and a solution.
- 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.

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WAYS OF PARTICIPATION

PARTICIPATION WITH ABSTRACTS:

A DIN A4 page should be sent before March 31st.

All accepted abstracts and full papers will be published on the web: www.arquitectonics.com with ISBN, and will have a minimum of 10 minutes of presentation at the online congress according to the schedule that will be sent to all participants. Full papers with 10 pages should be sent between 1 September until 31 October 2023, and they will all be uploaded with ISBN in open access on the web. A selection of the full papers will be published in the international journal, Arquitectonics: Mind, Land & Society.

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 the partial fee. Authors and co-authors can participate only with a maximum of two abstracts.

LISTENERS WITHOUT ABSTRACTS

INFORMATION ABOUT REGISTRATION AND PAYMENT

REGISTRATION

If you are interested in participating in our online course or conference, please read carefully the instructions before filling in the inscription form:

- 1. At the time of registration, it is essential that the registered person tells us whether they need a bill or only an invoice after the payment by the university or not, and, if necessary, the billing data and we will send to you further instructions.
- 2. it is important that registrants indicate the following text in the transfer concept:

T-00520 NAME and SURNAMES of the registered person.

3. The account number (IBAN) and SWIFT code that the registrants have to transfer is :

IBAN: ES82 2100 0655 7102 0039 5815 SWIFT: CAIXESBBXXX

4. BANK ADDRESS

: LA CAIXA OF. 0655 C/ Trias Giró, 11-13 08034 Barcelona

5. REGISTRATION FORM:

https://form.jotform.com/arquitectonics/REGISTRATIONFORM

IN BARCELONA JANUARY-MAY

2023

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6. REGISTRATION FEES THE PAYMENT CAN BE DONE ONLY AFTER THE FIRST OF FEBRUARY 2023 AND UNTIL THE 31 OF MAY 2023

PROFESSORS AND PROFESSIONALS

STUDENTS

CONFERENCE ATTENDANCE WITH ABSTRACTS PRESENTATION	300€	200€
LISTENERS (ONLINE AND PRESENTIAL)	100€	100€
INTENSIVE COURSE PRESENTIAL ATTENDANCE	200€	50€



INTERNATIONAL RESEARCH GROUP IN ARCHITECTURE AND SOCIETY (GIRAS)
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Email: newsletter.pa@upc.edu, URL:www.arquitectonics.com