



ESCOLA TÈCNICA SUPERIOR D'ARQUITECTURA DE BARCELONA
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CALL FOR PAPERS

INTERNATIONAL CONFERENCE ARQUITECTONICS NETWORK: MIND, LAND AND SOCIETY Innovative and Interdisciplinary Research by Design: Education, Architecture and Social Planning Participation

BARCELONA

Supported by:

COAC. Catalan Association of Architects.

UPC Research Group GIRAS. Magda Saura, Josep Muntañola

Unicef CAI

INTERNATIONAL CONFERENCE, 1-3 JUNE 2016

Architectural and urban design is today the output of a complex interdisciplinary work that is constantly changing in time and in space. According to the fundamental topics (See the diagram I) the conference will select one page abstracts on these topics, send before the 15th January 2016 (newsletter.pa@upc.edu). All abstracts accepted will be published on the web: www.arquitectonics.com, with ISBN. A selection of the full papers will be made at the end of October 2016 for the publication in the international journal Arquitectonics: Mind, Land & Society.

If you are interested in participate, please fill the registration form immediately as a provisional move: <http://bit.ly/applicationform2016>

Remember the **deadline: January 15th 2016** for abstract submission for the Conference.

THEMATIC WORKSHOPS, 30-31, MAY 2016

From your proposals, Congress will be preceded by four thematic workshops (on 30 and 31 May 2016), in which everyone can participate.

- Alternative urban management: the socio-physical structures in planning. Coordinator: Marcelo Zárate.
- Architecture and Social Phenomenology. Coordinator: Lluís Àngel Domínguez.
- The Renewal of Catalan Architecture: Innovation and Design. Coordinator: Júlia Beltran & Sergi Méndez.
- Architectural workshops for and with children. Coordinator: Laura Mendoza.

INTENSIVE COURSE, 6-9 JUNE 2016

The intensive course on **New Foundations for Architectural Research** will be held on June 6-9, 2016, at the School of Architecture of Barcelona

Key Speakers

1. **DAVID SEAMON**, PhD in Geography, Professor of Environment-Behavior & Place Studies, Department of Architecture, Kansas State University.
2. **RAINER E. ZIMMERMANN**, PhD in Philosophy, Professor of Philosophy at the Polytechnic University of Muenchen.
3. **LARS LERUP**, designer and writer, is a Professor of Architecture at RSA. He was Dean at Rice School of Architecture and William Ward Watkin Professor from 1993 to 2009. Previously, he taught for many years at the University of California at Berkeley.
4. **RICARDO FLORES & EVA PRATS**, Architects. Associated Professors School of Architecture of Barcelona UPC.
5. **MARIO CARPO**, PhD Architect. Reyner Banham Professor of Architectural History and Theory, The Bartlett, University College London.
6. **OLE MØYSTAD**, Dr. ing. Architect, professor at NTNU in Trondheim and partner of STUDIO hp AS, an architecture office based in Oslo.

Diagram I: **MAIN TOPICS AND MAIN REFERENCES OF THE CONFERENCE OBJECTIVES**

	EDUCATION	PROFESSION	SOCIETY
PRODUCTION OF KNOWLEDGE	<p>1</p> <p>University Education.</p> <p>EAAE, ENHSA, ARCC M. Pollock (Boston, USA) Teresa Romañá (UB, Barcelona)</p> <p>Arquitectonics: Magda Saura Arquitectonics Journal V.: 14, 25, 26</p>	<p>4</p> <p>Ethnographies in the studios, Phenomenology, Social Dialogy.</p> <p>Gaudí, R.Sennett (NY University, USA) J. Pallasmaa (Helsinki, Finland) Albena Yaneva (UK) Sophie Houdart (París)</p> <p>Arquitectonics: Lluís Àngel Domínguez Arquitectonics Journal V.: 3, 4, 6, 9, 13, 15, 21/22, 27</p>	<p>7</p> <p>Participation in planning. Environmental and Hermeneutic Planning</p> <p>SDT (Societa dei Territorialisti) A.Magnaghi (Firencia,Italia) M.Zarate (Santa Fe,Argentina) K.Lynch (MIT, USA)</p> <p>Arquitectonics: Marcelo Zárate Arquitectonics Journal V.: 12, 23, 19-20, 27, 28</p>
	<p>2</p> <p>Urban Planning Quality Indicators and Children Health.</p> <p>R.Hart (CUNY, New York, USA)</p> <p>Arquitectonics: Josep Muntañola Arquitectonics Journal V.: 25, 24</p>	<p>5</p> <p>From Design to Construction. Sustainability (Environmental Design Issues)</p> <p>UNAUS (University Network for Architectural and Urban Sustainability)</p> <p>Arquitectonics: Jaime Ferrer, Esteve Terrades Arquitectonics Journal V.: 24, 5, 7,8</p>	<p>8</p> <p>Post-occupancy: Buildings and Cities</p> <p>EDRA. IAPS B.Hillier (London, UK) A. Rapoport (Milwaukee, USA) J.Gehl (Copenhagen, Danmark)</p> <p>Arquitectonics: Lluís Àngel Domínguez, Marc de Rooij Arquitectonics Journal V.: 5,10,15,16-17, 27</p>
	<p>3</p> <p>Laboratories for Human centered Innovative Design Interaction</p> <p>A. Torres (Cuzco, Perú) J. Muntañola (Barcelona, Spain) L. Bannon</p> <p>Arquitectonics: Josep Muntañola Arquitectonics Journal V.: 25</p>	<p>6</p> <p>Brain/Machine Theories. Design theories and methods systems approach.</p> <p>IAAC (Institute for Advanced Architecture of Catalonia), ANFA (Academy of Neuroscience for Architecture) H.F. Mallgrave (Illinois Institute of Technology, USA) Penn, A. (UC London) Kirsh, D. (UCSD, USA)</p> <p>Arquitectonics: Carmelo Zappulla Arquitectonics Journal V.: 1,2,11,21-22</p>	<p>9</p> <p>Design and History (Modernity and tradition)</p> <p>UNESCO, Arquitectonics: Forma Urbana Rosio Fernandez Baca Salcedo (Bauru, Brasil) Spiro Kostof (University of California, USA) Athena Hadji (Greece) Samuel Jaimes (Colombia)</p> <p>Arquitectonics: Magda Saura, Margarita Costa Arquitectonics Journal V.: 9, 13, 21/22</p>
INNOVATIVE THEORIES, METHODS AND PRACTICES			

Explanation of Diagram I: **BRIEF DESCRIPTION RESEARCH TOPICS**

1. What are the best theories and practices on university architectural education for architects and for all professions involved? Case Studies with a clear analysis of purposes and outputs are needed.
2. The urban quality indicators for planning places for children. Diagram II gathers 10 indicators for urban planning supporting the physical, mental and social children healthy development. Studies using these indicators are extremely needed.
3. Proposals about new models for learning throughout human interaction are welcomed. Not only related to architectural and urban design, but also about all kind of scientific artistic or political learning, such as music, dancing, etc. always related to space and time concepts as the chronotropes by M. Bakhtin.
4. The production of Knowledge on professional design studies is the key topic here: how to analyze the social interdisciplinary and cognitive origin of research by design? See works by Steven Holl in *Arquitectonica* 27 (2015).
5. From design to construction the way is long and often knowledge change or disappears. The role of technologies is a key role at this point, since they can transform the aesthetics and the functionality of the buildings.
6. Design by computer is a challenge for the innovative disciplinary research by design theories and practices. However the interaction between brains and machines should be fully described without ignoring either one or the other. On the contrary, making explicit the dialogical feed-back generated by the research by design processes.
7. Social participation and simulation of planning case studies, where knowledge is produced in the process, without a priori rules, are welcomed. Special emphasis should be made into the different actors of the planning process, with their ideals, expertises and responsibilities.
8. To analyze the environmental impact upon the health and behavior of users is very important today. There are a lot of studios upon environmental impact theories and practices.
9. Architectural and urban heritage is no more a secondary field for research on modern architecture. On the contrary, the best architectural and urban designs are now growing in consolidated historical settings, where ideas are better converted in objects. Consider the words by P. Zumthor, R. Piano or Wang Shu, etc. Researches about Historical Urban Forms transformations are welcomed.

Diagram II: Urban Quality Indicators (CAI - Unicef)

INDICATOR	GROUP	DEFINITION	LIMITS & ACTIONS
I-1 Noise levels	A	Noise as harmful for children	Noise Measure Limitation: if it impedes human conversation (40 dB)
I-2 Pollution	A	Pollution of air, water, earth and materials within a populated area	Normal environmental controls, e.g. prohibition of asbestos, arsenic, polluted water, etc.
I-3 Electromagnetic Radiation	A	Harmful installation of aerials, high voltage lines, etc.	Min. distances: High voltage: Aerials: 200 meters
I-4 Safe playgrounds	B	Playgrounds near residential areas	Max. distances Between dwelling Sq.m. Max. size
I-5 Safe routes between main community areas	B	The importance of daily routes for the community	Max. 15 mins. on foot or 2 km. or well-planned school transport
I-6 The school as a dynamic center	B	Schools are open to the community as social agents.	List of major activities at or around schools
I-7 Public facilities for all age groups adapted and supervised for children's use	B	Promoting use of facilities by different age groups.	Public facilities within walking distance
I-8 Child-friendly public services	C	Adaptation of services for all age groups	Facilities for the youngest age groups, adequate supervision Specific information/communication
I-9 Adequate privacy at home and in community	C	To ensure privacy as child grows, in accordance with each age needs	From 7 years: privacy at home; from 12 years: privacy in quiet spaces and in public areas
I-10 Juxtaposition of built-up areas and the countryside	C	To ensure optimum spacing between built-up areas and countryside	Min. distances to garden areas or non-asphalted areas. Easy access to countryside

REGISTRATION FEES BEFORE 28 FEBRUARY 2016 (20% DISCOUNT)

	PROFESSORS RESEARCHERS PROFESSIONAL STUDIOS	STUDENTS
ASSISTANCE CONFERENCE *WITH PAPER PRESENTATION	280€	160€
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ONLY ABSTRACT *WITHOUT ASSISTANCE	80€	40€
ASSISTANCE THEMATIC WORKSHOP	+120€ (+80€ attendants in the conference)	+80€ (+40€ attendants in the conference)
ASSISTANCE INTENSIVE COURSE	+120€ (+80€ attendants in the conference)	+80€ (+40€ attendants in the conference)

REGISTRATION FEES AFTER 28 FEBRUARY 2016

	PROFESSORS RESEARCHERS PROFESSIONAL STUDIOS	STUDENTS
ASSISTANCE CONFERENCE *WITH PAPER PRESENTATION	350€	200€
ASSISTANCE CONFERENCE *WITHOUT PRESENTATION	100€	50€
ONLY ABSTRACT *WITHOUT ASSISTANCE	100€	50€
ASSISTANCE THEMATIC WORKSHOP	+150€ (+100€ attendants in the conference)	+100€ (+50€ attendants in the conference)
ASSISTANCE INTENSIVE COURSE	+150€ (+100€ attendants in the conference)	+100€ (+50€ attendants in the conference)

PAYMENT**1. Bank Transfer**

You can make the payment of the registration fees to confirm acceptance by bank transfer to: ARCHITECTURE, EDUCATION AND SOCIETY (UPC), Bank name: LA CAIXA
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Please, send the proof of payment by e-mail to: newsletter.pa@upc.edu

2. Credit Card:

By the link: <https://form.jotformeu.com/53272212854351>

If you need invoice or receipt by the University of the payment, please request the form to the organization before the 9th June 2015. No invoices will be carried out for amounts less than 100 euros. The invoice will be made after receiving the receipt.