

# III WORKSHOP ON EDUCATIONAL INNOVATION IN ARCHITECTURE'15

The Group for Educational Innovation and Logistics in Architecture (GILDA) organizes in collaboration with the Institute of Educational Sciences (ICE-UPC), the R+D competitive Project of the Ministry of Economy and Competitiveness “E-learning 3.0 in the teaching of architecture”, and within the Erasmus project+2014 “Confronting Wicked Problems: Adapting Architectural Education to the New Situation in Europe”, the third workshop for Educational Innovation in Architecture (JIDA’15) which will take place on the 25, 26, 27, 28 and 29 of May 2015 at the ETS of Architecture of Barcelona.

## OBJECTIVES

The JIDA workshop has as its aim the divulgation and exchange of experiences on educational innovation in the context of graduate and postgraduate studies in the fields of architecture and urbanism. The purpose of the JIDA workshop is to improve the quality of teaching and learning in higher education taking into account the uniqueness of these fields of knowledge.

In particular, this third edition is based on the debate between two important educational environments: the academic and the professional one. The link between learning methodologies and the consolidation process of the knowledge on the discipline that the student is taking in throughout their studies must be contrasted with the professional practice of our architects, the job market and the socio-economic context in which our society is involved in. That is why the purpose of this workshop aims to focus not only on the discussion of educational methodologies, but especially in its effectiveness to ensure a good traineeship which will allow the future architect to adequately address the challenges posed by society.

In this discourse, and in front of these two realities, the academic and the professional, the elaboration of an appropriate portfolio or curriculum seems to be fundamental, understanding it as a key element that should link both areas. That is the reason why this congress will dedicate a significant part of its attention to this document.

## PARTICIPANTS

The “JIDA” workshop is open to the participation of all those professionals in higher education who wish to share their experience on educational innovation in the field of Architecture and Urbanism with the scientific community, as well as to the experts and novices interested in this subject.

## ORGANIZATION CHART

The format of the III Workshop on Educational Innovation in Architecture (JIDA’15) is divided into four main types of activities:

### Lectures

Introductory presentations on behalf of international experts on the subject of educational innovation, structured in 60 minute sessions and a turn for questions and debate.

**Timetable: 9:00 - 10:30**

### Contributions

Public presentation of the papers presented and published in the proceedings of the workshop, these will be half-hour sessions, according to the thematic areas outlined in the previous section. A selection shall be undertaken of those papers that are more related to the thematic areas and whose contributions are more inspiring.

**Timetable: 11:00 - 12:30**

### Debates

Open debate on the whole of the papers presented in the workshops, with the participation of the authors of each of the thematic areas, and moderated by a member of GILDA.

**Timetable: 13:00 to 14:30**

### Workshop

In accordance with the study plan of the ETS of Architecture of Barcelona, and correspondingly to the fundamental role of the electronic portfolio, a pioneer experience in the evaluation of this document as an essential tool in the relation between academic training and the professional career development will be undertaken.

**Timetable: 16:00 - 18:30**

## PAPERS

The articles will be undertaken in two phases. In the first phase an abstract of the participants' papers will be submitted, which should be written in Spanish and English with a maximum of 500 words in each case. They should be sent to the following email address: gilda.rima@upc.edu with the following information:

- **Title and subtitle**
- **Abstract of the paper** (*maximum 500 words*)
- **Keywords** (*Maximum three words*)
- **Thematic area** (*choose one of the four proposals*)
- **Author/s** (*name and surname*)
- **University / Department**
- **Email Contact**

The proposed paper and subsequent finished article which corresponds to the second phase, will be evaluated by member doctors of the GILDA and invited experts on educational innovation for their final acceptance.

## THEMATIC AREAS

The JIDA’15 Workshop proposes the following two fields and the four thematic areas for the drafting of papers (each paper must be associated to at least one thematic area):

### FIELD A: TEACHING PRACTICE

#### 1. Student Work Environment

Student education beyond the classroom, forms part of the undertaking of their own curriculum. The tools that allow this traineeship to be carried out and evaluated pose new challenges for teachers.

- ICT tools to enhance student self-learning.
- E-learning and the application development for educational purposes.

#### 2. Innovative Pedagogical Practices

Architectural workshops and the different types of teaching conducted in the classroom will allow one to experiment with innovative educational methodologies.

- New challenges in the teaching practice of architecture.
- Methodological and didactic classroom apps.

#### 3. Educational Planning and Evaluation

The organization, preparation and communication of the educational programmes and the verification of the learning outcomes are used as a didactic tool.

- Programme schedule preparation in the classroom.
- Learning evaluation innovative processes.
- Academic experiences that ensure quality learning.
- Assessment of the learning outcomes.

### FIELD B: PROFESSIONAL PRACTICE

#### 4. University-Professional Practice Relationship

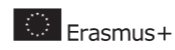
The link between classroom learning and professional reality should allow experiencing innovative teaching practices.

- Design and implementation of continuous training programmes
- Educational Experiences in the Degree related to professional practice.

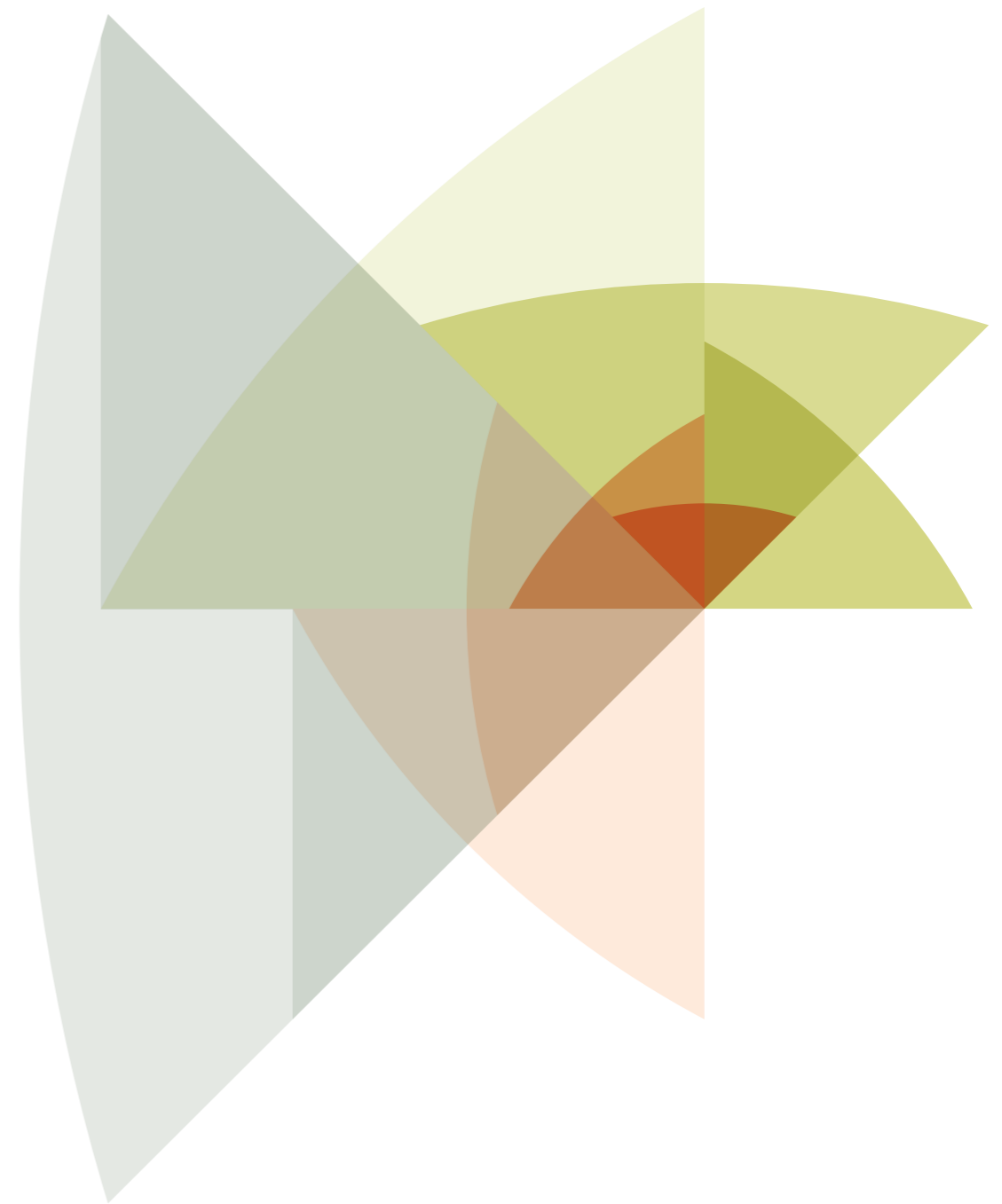
## PROGRAMME OF THE WORKSHOP (25<sup>TH</sup>-29<sup>TH</sup> MAY)

Morning meetings will take place in the Room of Degrees (Salón de Grados), and evening meetings in the Classroom 2.1 at Segarra building.

	MONDAY 25	TUESDAY 26	WEDNESDAY 27	THURSDAY 28	FRIDAY 29
9.30					
10.00	<p><b>Opening Session</b></p> <p><i>JIDA’15 Conference on Educational Innovation in Architecture</i></p> <p><i>E-portfolio as Degree Minor Thesis Report</i></p>	<p><b>Lecture</b></p> <p><i>Research on prototypes</i></p> <p>Jaime Coll Professor titular at the ETSAB in Architectural Design</p>	<p><b>Lecture</b></p> <p><i>Architectural Education in Europe</i></p> <p>Ivan Cabrera Architect, Professor and Head of Studies ETSAB-UPV, EAAE Council Member</p>	<p><b>Lecture</b></p> <p><i>The architectural profession in Europe 2013 – ACE Sector Study</i></p> <p>Dubravko Bacic Architect, ACE Council Member</p>	<p><b>Workshop Sessions debate and conclusions</b></p> <p><b>SELECTED INVENTORY</b></p> <p><b>HIDDEN CURRICULA</b></p> <p><b>RESEARCH WORK</b></p> <p><b>TRANSVERSALITY</b></p>
11.00	<p><b>Opening Lecture</b></p> <p><i>Ideas and works. The problematic duality of architecture</i></p> <p>Tarald Lundevall Partner in Snehetta, Professor AHO, TADPK Leader</p>	<p><b>Contribution</b></p> <p><b>FIELD A.2 TEACHING PRACTICE-INNOVATIVE PEDAGOGICAL PRACTICES</b></p> <p><b>A05</b> Ismail, A. M. HISTORY... NEVER REPEAT YOURSELF! BREAKING THE ‘HISTORY OF ARCHITECTURE’ PEDAGOGY IN UNIVERSITY EDUCATION</p> <p><b>A06</b> Palacios, J. del C. OBITUARIO DE LA CASA. LA VIVIENDA COMO EXPERIENCIA</p> <p><b>A07</b> Vela, J. EL EJEMPLO DA LA REGLA. MÁQUINAS DE SENTIDO EN LA DOCENCIA DE PROYECTOS</p> <p><b>A08</b> Mestre, N. - Roig, E. SOSTENIBILIDAD Y OTRAS DEMANDAS CONTRA-INTUITIVAS DE LA PEDAGOGÍA DE LA CREATIVIDAD</p>	<p><b>Contribution</b></p> <p><b>FIELD A.3 TEACHING PRACTICE- EDUCATIONAL PLANNING AND EVALUATION</b></p> <p><b>A09</b> Agrasar, F. - Paz, L. DE LA TEORÍA AL PROYECTO</p> <p><b>A10</b> Devesa, R. DIFUNDIR LO APRENDIDO: RAZONES Y MEDIOS</p> <p><b>A11</b> Labarta, C. LA DOCENCIA NO REGLADA: EL VALOR DE LA ACTITUD EN EL APRENDIZAJE DEL PROYECTO ARQUITECTÓNICO</p> <p><b>A12</b> Rivera, R. - Trujillo, M. EL URBANISMO DE LAS MATEMÁTICAS</p>	<p><b>Contribution</b></p> <p><b>FIELD B.1 TEACHING PRACTICE- UNIVERSITY-PROFESSIONAL PRACTICE RELATIONSHIP</b></p> <p><b>B1</b> Ahlavo, A. - Nieto, F. X-ING DISCIPLINES FROM ARCHITECTURE. THE CASE OF AALTO ARTS</p> <p><b>B2</b> Bravo, M. DIGITAL TOOLS IN ARCHITECTURE. DESIGN STUDIO EXPERIENCES</p> <p><b>B3</b> Masdáu, M. LA PRÁCTICA PROFESIONAL DEL ARQUITECTO Y SU FORMACIÓN EN LA SOCIEDAD ACTUAL</p> <p><b>B4</b> Villegas, M. ARQUITECTURA INFORMACIONAL. APLICACIÓN DE LÓGICAS INFORMACIONALES EN LAS ETAPAS INICIALES DEL PROYECTO DE ARQUITECTURA</p>	
12.30	COFEE BREAK				
13.00	<p><b>Contribution</b></p> <p><b>FIELD A.1 TEACHING PRACTICE-STUDENT WORK ENVIROMENT</b></p> <p><b>A01</b> Cristini, V. - Mileto, C. Vegas, F. - García, L. - Ruiz, J. R. ENSEÑANZA ORIENTADA A LA ACCIÓN: PROPUESTAS DE LA CÁTEDRA UNESCO DE ARQUITECTURA DE TIERRA, CULTURAS CONSTRUCTIVAS Y DESARROLLO SOSTENIBLE UNITWIN/UPV</p> <p><b>A02</b> Djukic, A. - Mrdjenovic, T. Jokovic, J. E-LEARNING AND AMRES IN TEACHING ARCHITECTURE</p> <p><b>A03</b> Roset, J. PROPEDEUTIC COURSE FOR A MASTER ON TECHNOLOGY IN ARCHITECTURE</p> <p><b>A04</b> Topçu, Ü. - Taberna, J. Hofert, K. A VISUAL TALE OF TWO CITIES: VIDEO AS A TOOL FOR REPRESENTATION THROUGH INFORMAL LEARNING</p>	<p><b>Debate</b></p> <p>Public debate and conclusions about Innovative Pedagogical Practices</p>	<p><b>Debate</b></p> <p>Public debate and conclusions about Educational Planning and Evaluation</p>	<p><b>Debate</b></p> <p>Public debate and conclusions about Teaching practice university-professional practice relationship</p>	<p><b>JIDA’15 Clossing Sessions debate and conclusions</b></p> <p><b>TEACHING PRACTICE-STUDENT WORK ENVIRONMENT</b></p> <p><b>TEACHING PRACTICE-INNOVATIVE PEDAGOGICAL PRACTICES</b></p> <p><b>TEACHING PRACTICE- EDUCATIONAL PLANNING AND EVALUATION</b></p> <p><b>TEACHING PRACTICE- UNIVERSITY- PROFESSIONAL PRACTICE RELATIONSHIP</b></p>
14.30	LUNCH				
16.00	<p><b>Workshop Session I</b></p> <p><b>SELECTED INVENTORY</b></p> <p><b>Introduction and goals</b> (10’) Conducted by Jordi Franquesa GILDA and event coordinator</p> <p><b>Group work and discussion</b> (60’) E-Portfolio involved staff &amp; students + TADPK think tank members</p> <p><b>Group exhibition of goals</b> (30’) E-Portfolio involved staff &amp; students</p> <p><b>Debate and conclusions</b> (50’) Conducted by Thomas McQuillan Architect, Professor AHO, Head of Institute of Architecture</p>	<p><b>Workshop Session II</b></p> <p><b>HIDDEN CURRICULA</b></p> <p><b>Introduction and goals</b> (10’) Conducted by Jordi Franquesa GILDA and event coordinator</p> <p><b>Group work and discussion</b> (60’) E-Portfolio involved staff &amp; students + TADPK think tank members</p> <p><b>Group exhibition of goals</b> (30’) E-Portfolio involved staff &amp; students</p> <p><b>Debate and conclusions</b> (50’) Conducted by Anna Ramos Professor ETSAB-UPC, Assistant Dean of ETSAB</p>	<p><b>Workshop Session III</b></p> <p><b>RESEARCH WORK</b></p> <p><b>Introduction and goals</b> (10’) Conducted by Jordi Franquesa GILDA and event coordinator</p> <p><b>Group work and discussion</b> (60’) E-Portfolio involved staff &amp; students + TADPK think tank members</p> <p><b>Group exhibition of goals</b> (30’) E-Portfolio involved staff &amp; students</p> <p><b>Debate and conclusions</b> (50’) Conducted by Ivan Cabrera Professor and Head of Studies ETSAB-UPV, EAAE Council member</p>	<p><b>Workshop Session IV</b></p> <p><b>TRANSVERSALITY</b></p> <p><b>Introduction and goals</b> (10’) Conducted by Jordi Franquesa GILDA and event coordinator</p> <p><b>Group work and discussion</b> (60’) E-Portfolio involved staff &amp; students + TADPK think tank members</p> <p><b>Group exhibition of goals</b> (30’) E-Portfolio involved staff &amp; students</p> <p><b>Debate and conclusions</b> (50’) Conducted by Viado Krajcar, Representative of ACE</p>	
18.30	LUNCH				



Artwork: RefomateeStudio



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JORNADAS DE INNOVACIÓN DOCENTE EN ARQUITECTURA JIDA'15

BARCELONA SCHOOL OF ARCHITECTURE 25<sup>TH</sup> TO 29<sup>TH</sup> MAY 2015