

WEDNESDAY, JUNE 20–FRIDAY, JUNE 22, 2012
BARCELONA, SPAIN

CHANGE
ARCHITECTURE
EDUCATION
PRACTICES

2012 ACSA INTERNATIONAL CONFERENCE
CHANGE, ARCHITECTURE, EDUCATION, PRACTICES

About the Conference	3
Sponsors + General Information	4
About ACSA	5
Schedule at-a-Glance	6
Wednesday June 20, 2012	7
Thursday June 21, 2012	9
Friday June 22, 2012	12
Tours of Barcelona	15
Restaurants	17

CHANGE: ARCHITECTURE, EDUCATION, PRACTICE

The first ACSA International Conference since 2005 will focus on schools and intellectual leadership as we transition to new economic scenarios and professional cultures in architecture worldwide.

From the time of Heraclitus' saying, "The only thing constant is change itself," we have sought to make sense of our changing world. It can be argued that architecture, in both the academic and professional realms, is experiencing pressures as never before, and is shifting due to multiple factors. These forces include globalization, the expanding roles of technology, rapid urbanization, new energy policies, and regulatory agencies, among many others. What are the forces for change being exerted on our academic institutions and where do they come from? Are we still teaching in a way that is relevant to the contemporary practice of architecture, or perhaps we wish that practice would change?

The relationship between schools and the profession can be very permeable and often imprecise. Each informs the other, at times leading to greater relevance, at other times leaving disconcerting gaps. What role should schools and academics play in the face of our changing world? Will we be leaders or followers? The 2012 ACSA International Conference will focus on CHANGE, and will explore these issues in relation to seven themes: Civic Engagement, Academia, Practice, Technology, Cities, Globalization, Sustainability, and one flexible open category.

CO-CHAIRS

Xavier Costa, Northeastern University
 Martha Thorne, IE University

THEME LEADERS

Academia

Sharon Haar, University of Illinois at Chicago
 Luis Rico-Gutierrez, Iowa State University

Cities

Yung Ho Chang, Massachusetts Institute of Technology
 Jeffrey Johnson, Columbia University

Civic Engagement

Kathrin Golda-Pongratz, Universitat Pompeu Fabra Barcelona
 Murray Fraser, University College London

Globalization

Hitoshi Abe, University of California, Los Angeles
 Pascal Berger, University of Hong Kong Shanghai Study Center
 Marc Schmidt, École Polytechnique Fédérale de Lausanne

Practice

Louisa Hutton, Sauerbruch Hutton
 Felipe Correa, Harvard University

Technology

Branko Kolarevic, University of Calgary
 Peter Wiederspahn, Northeastern University

Sustainability

Belinda Tato, ETSA Alicante
 Andy Backer, IE Madrid

Open

Elie Haddad, Lebanese-American University
 Jorge García de la Cámara, Barcelona Institute of Architecture

IMPORTANT ADDRESSES

CCCB

Carrer de Montalegre, 5, 08001 Barcelona

RAS

Carrer del Doctor Dou, 10, 08001 Barcelona

Makers Of Barcelona (MOB)

Calle Bailen 11, Bajos, 08010 Barcelona

CaixaForum, Centre Social i Cultural de l'Obra Social "la Caixa"

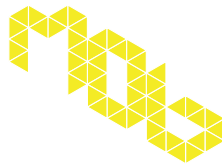
Av. Francesc Ferrer i Guàrdia, 6-8, 08038 Barcelona

Mies van der Rohe Pavillion

Av. Francesc Ferrer i Guàrdia 7, 08038 Barcelona

PARTNERS

The Association of Collegiate Schools of Architecture is grateful for the support and assistance of the following partners:



GENERAL INFORMATION

Continuing Education

Selected CES sessions will be available at the ACSA International Conference. CES forms are located in your registration packet. CES forms must be signed and turned in at the registration desk before leaving the conference.

Badges

You must wear your badge throughout the conference to be admitted into sessions. Please return your badge cover at the close of the meeting to the registration desk for recycling.

Online Evaluation Form

You will be sent a link to complete an online evaluation survey after the conference. Your opinions and program suggestions will help us plan for future conferences. Please take a few minutes to complete the survey. We greatly appreciate your feedback.

2011 - 2012 BOARD OF DIRECTORS

PRESIDENT

Judith Kinnard, Tulane University

VICE PRESIDENT/PRESIDENT-ELECT

Donna V. Robertson, Illinois Institute of Technology

PAST PRESIDENT

Daniel S. Friedman, University of Washington

TREASURER

Craig Barton, University of Virginia

SECRETARY

Patricia Kucker, University of Cincinnati

SOUTHEAST REGIONAL DIRECTOR

Phoebe Crisman, University of Virginia

WEST CENTRAL DIRECTOR

Gregory Palermo, Iowa State University

NORTHEAST DIRECTOR

Glenn Wiggins, Wentworth Institute of Technology

EAST CENTRAL DIRECTOR

Gregory Luhan, University of Kentucky

WEST DIRECTOR

Mark Cabrinha, California Polytechnic State University, SLO

SOUTHWEST DIRECTOR

Corey Saft, University of Louisiana-Lafayette

CANADIAN DIRECTOR

Michael Jemtrud, McGill University

STUDENT DIRECTOR

Laura Meador, American Institute of Architecture Students

PUBLIC DIRECTOR

Judith Welch Wegner, University of North Carolina at Chapel Hill

EXECUTIVE DIRECTOR

Michael J. Monti, Association of Collegiate Schools of Architecture

ACSA STAFF

Michael J. Monti, Executive Director
 Eric Ellis, Director of Operations and Programs
 Pascale Vonier, Director of Communications and Media Strategies
 Kevin Mitchell, Editorial Production Coordinator
 Danielle Washington, Membership Manager

ACSA MISSION STATEMENT

To advance architectural education through support of member schools, their faculty, and students. This support involves:

- Serving by encouraging dialogue among the diverse areas of discipline
- Facilitating teaching, research, scholarly and creative works, through intra/interdisciplinary activity;
- Articulating the critical issues forming the context of architectural education
- Fostering public awareness of architectural education and issues of importance

This advancement shall be implemented through five primary means: advocacy, annual program activities, liaison with collateral organizations, dissemination of information and response to the needs of member schools in order to enhance the quality of life in a global society.

SCHEDULE AT-A-GLANCE*

WEDNESDAY

2:30	Academia I: Pedagogical Affordances of the Design Studio	AULA 1
2:30	Cities: I	AULA 2
2:30	Sustainability I: Toward Carbon Neutral Cities	SALA RAVAL
4:00	Coffee Break	PATI DE LES DONES
4:30	Civic Engagement I: Direct Activism	SALA RAVAL
4:30	Open: I	AULA 1
4:30	Practice I: At the Confluence of Research and Design	AULA 2
6:00	Opening Keynote: Bjarke Ingels	SALA TEATRE
7:30	Reception at CCCB	CCCB COURTYARD
8:30	RAS Gallery Open House	RAS GALLERY

THURSDAY

9:30	Cities: II	SALA RAVAL
9:30	Civic Engagement II: Alternative Design Practices	AULA 2
9:30	Technology I: Scales of Engagement	AULA 1
11:00	Coffee Break	PATI DE LES DONES
11:30	Academia II: Cognitive Artifacts in Design Education	AULA 1
11:30	Open: II	AULA 2
11:30	Sustainability II: New Tools for Analysis, Evaluation and Visualization	SALA RAVAL
1:00	Lunch	
3:00	Academia III: Your Studio Assignment is to Change the World	AULA 2
3:00	Civic Engagement III: Sustainable Neighborhoods	SALA RAVAL
3:00	Practice II: At the Confluence of Authorship and Collaboration	AULA 1
4:30	Coffee Break	PATI DE LES DONES
5:00	Keynote Panel: Odile Decq + Mohsen Mostafavi	AULA 1
8:00	Reception at MOB	MOB

FRIDAY

9:30	Globalization I: Energetic Strategies & Analytic Models	SALA RAVAL
9:30	Open: III	AULA 2
9:30	Technology II: Technological Pedagogies	AULA 1
11:00	Coffee Break	PATI DE LES DONES
11:30	Open: IV	AULA 2
11:30	Practice III: At the Confluence of Representation and Politics	AULA 1
11:30	Sustainability III: New Studio Design Methodologies	SALA RAVAL
1:00	Lunch	
3:00	Academia IV: Finding the World in Our Curricula	AULA 1
3:00	Globalization II: Cognitive Shifts	SALA RAVAL
3:00	Technology III: Performative Technologies	AULA 2
7:30	Closing Keynote: Joan Busquets	CAIXAFORUM
9:00	Reception at Mies van der Rohe Pavillion	MVDR PAVILLION

* SEE PAGE 15 FOR TOUR INFORMATION AND SCHEDULES

WEDNESDAY, JUNE 20, 2012 BARCELONA

2:30PM-4:00PM AULA 1 **ACADEMIA I: PEDAGOGICAL AFFORDANCES OF THE DESIGN STUDIO**
Luis Francisco Rico-Gutierrez, Iowa State University
Sharon Haar, University of Illinois at Chicago

Erosive Cartographies
Karl Wallick, University of Wisconsin-Milwaukee

Neither Individual, Nor Group: A First Year Design Studio Experiment
Sevgi Türkkkan, Istanbul Technical University
Onur Sonmez, Istanbul Technical University
Burçin Kürtüncü, Istanbul Technical University

Reflecting on Reflective Conversation: Current Perspectives on the Architectural Design Crit
Jolanda De Villiers Morkel, Cape Peninsula University of Technology

2:30PM-4:00PM AULA 2 **CITIES: I**
Jeffrey Johnson, Columbia University
Yung Ho Chang, MIT

Changing Poverty Pockets in Metropolitans
Mostafa Rabea Abdelbase Khalifa, University of Camerino, Italy
Maria Federica Ottone, University of Camerino, Italy

The Unplanned City: Preserving Place Through Urban Making
James Fowler Eckler, Jr., Marywood University

Constructing Utopias: China's Emerging Eco-city Movement
Zhongjie Lin, University of North Carolina at Charlotte

High-Performance Cities or Buildings
Seung K. Ra, Oklahoma State University

2:30PM-4:00PM SALA RAVAL **SUSTAINABILITY I: TOWARD CARBON NEUTRAL CITIES**
Andy Backer, IE University
Belinda Tato, ETSA Alicante

Achieving the '2020-2030 Targets' of Net-Zero-Energy-Buildings with Parametric 3D/4D-BIM Design Tools
Thomas Spiegelhalter, Florida International University

Airing Renovations: The Atmosphere of Paul Rudolph
Kevin Moore, Auburn University
Justin Miller, Auburn University

Architecture Must Follow the Strategy of Music: Sharing
Eduard Sancho Pou, Universitat Politècnica de Catalunya

From Theory to Practice in Designing, Measuring and Benchmarking Carbon-Neutral-Architecture: Local Examples, Global Perspective
Thomas Spiegelhalter, Florida International University

Traditional Materials Optimized for the 21st Century
Elizabeth Golden, University of Washington

4:00PM-4:30PM PATI DE LES DONES **COFFEE BREAK**

4:30PM-6:00PM **CIVIC ENGAGEMENT I: DIRECT ACTIVISM**
SALA RAVAL
Kathrin Golda-Pongratz, Clemson University/
Universitat Pompeu Fabra
Murray Fraser, University College London

From Freedom of Expression to Expression of Freedom: Responding to Socio-Political Change in the Classroom
Magda Mostafa, American University in Cairo

The Architect Citizen: The Nature of Civic Engagement in Postwar Reconstruction Projects in Lebanon
Marwan Ghandour, Iowa State University

Trans-activism in Design: A Case Study
Sally Harrison, Temple University

4:30PM-6:00PM **OPEN: I**
AULA 1
Jorge de la Cámara, Barcelona Institute of Architecture
Elie Haddad, Lebanese-American University

Cecil Tuera Cela
Colin Ripley, Ryerson University

Framing the Facts: Moving Beyond a Multicultural Survey of Architectural History
Charles L Davis, II, University of North Carolina at Charlotte

4:30PM-6:00PM **PRACTICE I: AT THE CONFLUENCE OF RESEARCH AND DESIGN**
AULA 2
Felipe Correa, Harvard University
Louisa Hutton, Sauerbruch Hutton

The Abend Singleton Story
David Sachs, Kansas State University

Learning Architectural Restoration Through Cooperative Working Strategies
Mariona Genis, ETSAB, UPC
Albert Casals, ETSAB (UPC)
José Luis González, ETSAB (UPC)

6:00PM-7:30PM **OPENING KEYNOTE**
SALA TEATRE
Bjarke Ingels, BIG

7:30PM-8:30PM **RECEPTION**
CCCB COURTYARD

8:30PM-9:30PM **RAS GALLERY OPEN HOUSE**
RAS GALLERY
Carrer del Doctor Dou, 10, 08001 Barcelona

RAS is Actar's bookstore and gallery space in Barcelona. Combining gallery and bookshop, RAS specializes in architecture, graphic design and photography.

DIRECTIONS TO RAS

1. Go SE on c. de Montalegre to Plaça dels Àngels
2. Continue onto Plaça dels Àngels
3. Turn L onto c. d'Elisabets
4. Turn R onto c. del Doctor Dou
5. Destination will be on the L

9:30AM-11:00AM **CITIES: II**
SALA RAVAL
Jeffery Johnson, Columbia University
Yung Ho Chang, Massachusetts Institute of Technology

Apocalyptic Desire and Our Urban Imagination
Amy Murphy, University of Southern California

Cities from the Bottom-Up: 22@ Planning, Small-Scale Cultural Interventions as Connectivity
Philip Speranza, University of Oregon

Urban Mappings as a Visual Rhetorical Tool for Design Teaching Change
Paulo Providência, Departamento de Arquitectura
FCT Universidade de Coimbra

Urban Nomads
Nicoline Loeper, Saxion University
Matthias Ott, Saxion University

9:30AM-11:00AM **CIVIC ENGAGEMENT II: ALTERNATIVE DESIGN PRACTICES**
AULA 2
Kathrin Golda-Pongratz, Clemson University/
Universitat Pompeu Fabra
Murray Fraser, University College London

"From the Iconic to the Everyday: Institutional Shifts for Students as Citizen Designers"
Arunava Dasgupta, School of Planning & Architecture

Humanism, Universalism and the "Native Genius". Civic Engagement in Housing Design from Alberti to CIAM and Beyond
Nelson Mota, University of Coimbra
Gonçalo Canto Moniz, University Coimbra
Mário Krüger, University of Coimbra

Participatory Analysis of the Living Environment: the Plus Ultra
Leandro Madrazo, Ramon Llull University
Angel Martin Cojo, Ramon Llull University
Omayra Rivera, Ramon Llull University

Design Literacy and Civic Literacy: An American Example in Media Res
Sabir Khan, Georgia Institute of Technology

9:30AM-11:00AM **TECHNOLOGY I: SCALES OF ENGAGEMENT**
AULA 1
Branko Kolarevic, University of Calgary
Peter H. Wiederspahn, Northeastern University

Integrating Thermo-Fluid Computational Models into Understanding Sustainable Building Design
Ulrike Passe, Iowa State University
Shan He, Iowa State University
Zhi J. Wang, Iowa State University

Post Parametric Design Intelligence
Santiago R. Perez, University of Arkansas

Urban User Interface
Ginette Wessel, University of California Berkeley
Eric Sauda, University of North Carolina at Charlotte

11:00AM-11:30AM **COFFEE BREAK**
PATI DE LES DONES

11:30AM-1:00PM **ACADEMIA II: COGNITIVE ARTIFACTS IN DESIGN EDUCATION**
 AULA 1
 Luis Francisco Rico-Gutierrez, Iowa State University
 Sharon Haar, University of Illinois at Chicago

An Alternative Model For Undergraduate Thesis Instruction: Using Collaborative Full-Scale Design Exercises to Supplement Individual Research Projects
 Eric Thomas Nulman, University of Southern California

Operative Translations - Diagrams Between the Analog and the Digital in Early Design Education
 Antje K. Steinmuller, California College of the Arts

Standing on Precedent: An Argument for Instrumentalizing Architectural History
 Amanda Reeser Lawrence, Northeastern University

Topological and Parametric Temperatures in Architectural Academia
 Alfredo Andia, Florida International University
 Thomas Spiegelhalter, Florida International University

11:30AM-1:00PM **OPEN: II**
 AULA 2
 Jorge García de la Cámara, Barcelona Institute of Architecture
 Elie Haddad, Lebanese-American University

Architectural Education & Practice: Quo Vadis
 Valerian Miranda, Texas A&M University

Design Abroad: Constructing Relationships
 Magda Bernaus, Architecture and Design Program, CIEE Barcelona Study Center
 Suzanne Strum, Architecture and Design Program, CIEE Barcelona Study Center

Partnership as a Pedagogical Strategy in Architectural Design III-UBI
 María Candela Suárez, Universidade da Beira Interior/CITAD
 Joana Carvalho, Universidade da Beira Interior

Teambuild UK: New Formats for Delivery of Learning in Construction
 Alex Maclaren, University of Edinburgh

11:30AM-1:00PM **SUSTAINABILITY II: NEW TOOLS FOR ANALYSIS, EVALUATION AND VISUALIZATION**
 SALA RAVAL
 Andy Backer, IE University
 Belinda Tato, ETSA Alicante

Biomimetic Construction
 Mark West, University of Manitoba
 Lancelot Coar, University of Manitoba

Case Studies in Sustainable Design and the Motivation for Enhanced Methods and Tools to Measure Environmental Impact
 Aimee P.C. Buccellato, University of Notre Dame

Changing the Relationship of Form and Performance: The Conceptual Integration of Quantitative Performance Evaluations into Design Pedagogy
 Ulrike Passe, Iowa State University

Engaging Students in the Critical Evaluation of Green Buildings: A User-Interface Problem
 Kyle Konis, Portland State University

The Abacus and the Earthworm: Environmental Lifecycle Assessment for Architectural Design
 Erin Moore, University of Oregon

1:00PM-3:00PM **LUNCH ON YOUR OWN**
 OFFSITE
 A number of tables will be reserved at C3 BAR in the CCCB, or choose one of the numerous options in the neighborhood.

3:00PM-4:30PM **ACADEMIA III: YOUR STUDIO ASSIGNMENT IS TO CHANGE THE WORLD**
 AULA 2
 Luis Francisco Rico-Gutierrez, Iowa State University
 Sharon Haar, University of Illinois at Chicago

Bringing it all Back Home: Providing Design Aid in our own Backyard
 Edward M. Orłowski, Lawrence Technological University

Investigating Design-Build as an Alternative Model for Architectural Education
 Hermie Elizabeth Voulgarelis, Cape Peninsula University of Technology

Public Interest Design: A Vehicle for Change in Architectural Education and Practice
 Nadia M. Anderson, Iowa State University

3:00PM-4:30PM **CIVIC ENGAGEMENT III: SUSTAINABLE NEIGHBORHOODS**
 SALA RAVAL
 Kathrin Golda-Pongratz, Clemson University / Universitat Pompeu Fabra
 Murray Fraser, University College London

Innovative Change in the Architectural, Economic + Cultural Landscape of Metro-Manila
 Peter Zweig, University of Houston

The Paradise Creek Eco Park: A Collaborative Model of Academic Civic Engagement
 Phoebe Crisman, University of Virginia

The Race is Really the Prize: Designing Community Capacity in Ecodistricts
 Christine Mondor, Carnegie Mellon University

3:00PM-4:30PM **PRACTICE II: AT THE CONFLUENCE OF AUTHORSHIP AND COLLABORATION**
 AULA 1
 Felipe Correa, Harvard University
 Louisa Hutton, Sauerbruch Hutton

Collapse to Expand: Alessi's Tea and Coffee Piazza
 Shannon Starkey, University of California, Los Angeles

Objects of Our Affection
 Danielle Etzler, Harvard University

Rethinking Post-Vanguard Conceptual Practices
 Santiago R. Perez, University of Arkansas

4:30PM-5:00PM **COFFEE BREAK**
 PATI DE LES DONES

5:00PM-6:30PM **KEYNOTE PANEL**
 AULA 1
 Moderated by Xavier Costa, Northeastern University and Martha Thorne, IE University

Odile Decq, École Spéciale d'Architecture
 Mohsen Mostafavi, Harvard University

8:00PM-9:00PM **RECEPTION**
 MOB
Makers Of Barcelona (MOB)
 Calle Bailen 11, Bajos, 08010, Barcelona

MOB is a space -based multipurpose growing community of professionals and students wanting to interact and collaborate naturally.

DIRECTIONS TO MOB

1. Head NW on c. de Montalegre toward c. de Vallldonzella	8. Continue straight onto Plaça d'Urquinaona
2. Turn R onto c. de Vallldonzella	9. Slight L to stay on Plaça d'Urquinaona
3. Turn R onto c. dels Tallers	10. Turn R onto c. d'Ausiàs March
4. Turn L onto c. de Jovellanos	11. Turn R onto c. de Bailén
5. Turn R onto c. de Pelai	12. Destination will be on the R
6. Continue onto Plaça de Catalunya	
7. Continue onto c. de Fontanella	

9:30AM-11:00AM GLOBALIZATION I: ENERGETIC STRATEGIES & ANALYTIC MODELS

SALA RAVAL

Hitoshi Abe, University of California, Los Angeles
 Pascal Berger, University of Hong Kong Shanghai Study Center
 Marc Schmidt, École Polytechnique Fédérale de Lausanne

ENERGY-(R)EVOLUTION

Wendy W. Fok, University of Houston

Geographies of Energy

Rania Ghosn, University of Michigan

Mapping Urbanism

Kelly J. Hutzell, Carnegie Mellon University

Model Behaviour: Architecture and the City in the Age of Post-Mechanization

Frances Hsu, Georgia Institute of Technology

9:30AM-11:00AM OPEN: III

AULA 2

Jorge García de la Cámara, Barcelona Institute of Architecture
 Elie Haddad, Lebanese-American University

A Certain Brand of Humanism: The Pedagogy of Matthew Nowicki

Eric D. Bellin, University of Pennsylvania

Fold-out Drawing: A Notational Drawing for Fabric Forming

Kentaro Tsubaki, Tulane University

Silver Residence Hall at NYU Uptown: A Bridge to Co-ed Housing

Carla Yanni, Rutgers University

9:30AM-11:00AM TECHNOLOGY II: TECHNOLOGICAL PEDAGOGIES

AULA 1

Branko Kolarevic, University of Calgary
 Peter H. Wiederspahn, Northeastern University

How Can Students Learn to Integrate Form and Construction?

Karel Vandenhende, ASRO KULeuven

Imperatives of Craft: Pedagogy for Emergent Technologies

James Fowler Eckler, Jr., Marywood University
 Karl Wallick, University of Wisconsin-Milwaukee

Manual Operations in the Age of Digital Design: A Case of a Beginning Design Studio

Myung Seok Hyun, Georgia Tech

11:00AM-11:30AM COFFEE BREAK

PATI DE LES DONES

11:30AM-1:00PM OPEN: IV

AULA 2

Jorge García de la Cámara, Barcelona Institute of Architecture
 Elie Haddad, Lebanese-American University

Anisotropia - Morpho-generative Sound Analysis

Christoph Klemmt, Orproject

Cultural Cognition and Smart Space Design Culture

Alfredo Andia, Florida International University
 Branko Kolarevic, University of Calgary

Forces of Change: Past and Present

Marci S. Uihlein, University of Illinois,
 Urbana-Champaign

11:30AM-1:00PM PRACTICE III: AT THE CONFLUENCE OF REPRESENTATION AND POLITICS

AULA 1

Felipe Correa, Harvard University
 Louisa Hutton, Sauerbruch Hutton

A Case of Mistaken Identity: Changes in the Perception of Female Architects in Puerto Rico
 Norma Isa Figueroa, University of Texas at Arlington

Lost in Translation: Searching for the Details in Contemporary Architectural Practice

Patrick Doan, Virginia Tech

The Architect's Visual Practices as a Source of Power

Richard Klopp, Vanier College

11:30AM-1:00PM SUSTAINABILITY III: NEW STUDIO DESIGN METHODOLOGIES

SALA RAVAL

Andy Backer, IE University
 Belinda Tato, ETSA Alicante

Architecture Beyond Borders: Provisional Lessons Learned from the Developing World

Joseph Dahmen, University of British Columbia

CHANGE / NO CHANGE

Ingrid Strong, Wentworth Institute of Technology
 Jennifer Lee Michalyszyn, Wentworth Institute of Technology

Healthy Buildings for the Future: How Can We Ensure that Designs or Adaptations Deliver Sustainability Principles and Can Be Integrated Into Studio Based Teaching?
 Faidon Nikiforiadis

1:00PM-3:00PM LUNCH ON YOUR OWN

OFFSITE

A number of tables will be reserved at C3 BAR in the CCCB, or choose one of the numerous options in the neighborhood.

3:00PM-4:30PM ACADEMIA IV: FINDING THE WORLD IN OUR CURRICULA

AULA 1

Luis Francisco Rico-Gutierrez, Iowa State University
 Sharon Haar, University of Illinois at Chicago

Networking Learning Processes: A Virtual Campus to Support Housing Studies

Leandro Madrazo, Ramon Llull University
 Paul Riddy, University of Southampton
 Marta Masdéu, Ramon Llull University

Design as a Form of Research: The Role of Explanation and Argumentation in the Preparation of Design Projects that Represent Knowledge Contributions

John Gordon Hunt, University of Auckland

Study on Transition of Accreditation System for Architectural Education in Japan

Tomoaki Tanaka, Meiji University
 Koichiro Aitani, Kyushu University

3:00PM-4:30PM GLOBALIZATION II: COGNITIVE SHIFTS

SALA RAVAL

Hitoshi Abe, University of California, Los Angeles
 Pascal Berger, University of Hong Kong
 Marc Schmidt, École Polytechnique Fédérale de Lausanne

Architecture of the Third Way

Srdjan Jovanovic Weiss, Temple University

Globalization: The New Mood-Consciousness of Architecture

Afsaneh Ardehali, University of Cincinnati

Soft Strategies, Seeking Intangible Concepts (Case Study Apple)

Eduard Sancho Pou

3:00PM-4:30PM
AULA 2**TECHNOLOGY III: PERFORMATIVE
TECHNOLOGIES**Branko Kolarevic, University of Calgary
Peter H. Wiederspahn, Northeastern University**Aggregate Architectures: Observing and Designing
with Changeable Material Systems in Architecture**
Karola Dierichs, Institute for Computational Design
Achim Menges, Institute for Computational Design**Flexibility—Current Developments in Fabric Formwork**
Mark West, University of Manitoba
Ronnie Araya, University of Manitoba - CAST**Surface Change**
Vera Parlac, University of Calgary**Thick Funicular: Particle Spring Systems for Variable-
Depth Form-Responding
Compression-Only Structures**
Brandon Clifford, Matter Design7:30PM-9:00PM
CAIXAFORUM**CLOSING KEYNOTE**Joan Busquets, BAU - Barcelona Arquitectura
i Urbanisme SLCaixaForum
Av. Francesc Ferrer i Guàrdia, 6-8, 08038 Barcelona9:00PM-10:00PM
MIES VAN DER
ROHE PAVILLION**RECEPTION**Mies van der Rohe Pavillion
Av. Francesc Ferrer i Guàrdia 7, 08038 Barcelona**DIRECTIONS TO CAIXA****Public Transportation Directions:**

1. Take the Metro L1, in the direction of Hospital de Bellvitge
2. Enter Metro at Universitat Station
3. Exit Espanya Station (3rd stop)

Walking from Espanya Station:

1. Head NE on Gran Via de les Corts Catalanes toward Plaça d'Espanya
2. At Plaça d'Espanya, take the 1st exit on Avinguda de la Reina Maria Cristina
3. Slight R to stay on Avinguda de la Reina Maria Cristina
4. Turn R onto Avinguda del Marquès de Comillas
5. CaixaForum

DIRECTIONS TO PAVILLION**From the CaixaForum:**

1. Head NE on Avinguda del Marquès de Comillas toward Plaça de Carles Buïgas
2. Turn R onto Plaça de Carles Buïgas

**3-HOUR WALKING TOURS
FEE: 15.00€ / \$20.00 USD****22@. Restructuring of an Obsolete Industrial Area in the Eixample
Grid of Street (3-hour tour)**Wednesday, June 20, 2012 from 9:30AM-12:30PM
Saturday, June 23, 2012 from 9:30AM-12:30PM*Meeting point: Torre Agbar (Jean Nouvel). (Metro L1 Glòries)*

In 2000 the Barcelona City Council approved a new urban planning ordinance aimed at transforming the old industrial area of Poblenou, with obsolete factories that had long ago been abandoned or were simply not very productive, into a magnet for new activities. The goal is to encourage land owners to update obsolete urban planning elements from the end of the 19th and beginning of the 20th centuries while maintaining economic activity, which would not have happened with a traditional rezoning from industrial to residential designation. It creates a new model of city. The 22@ Barcelona project fills the city's needs to recover both economic and social dynamism in the old industrial areas of Poblenou and to create a diverse and compact environment where productive spaces coexist with research, training and tech transfer centers, as well as subsidized housing, facilities and green areas that improve the quality of work and life in the neighborhood. The project includes innovative activities, new facilities, housing, quality public spaces, industrial heritage and advanced infrastructures. The area is divided in some parts to a better adaptation on the industrial heritages and new activities. Each zone has a particular plan. Several international known architects are doing singular works in this area: Jean Nouvel, Carlos Ferrater, BAAS Studio, David Chipperfield, Dominique Perrault, Batlle i Roig, b720 Arquitectos, MBM arquitectos, Rahola i Vidal.

Seafront Transformations (3-hour tour)

Saturday, June 23, 2012 from 9:30AM-12:30PM

*Meeting point: Forum Building (Herzog & DeMeuron).
(Metro L4 El Maresme-Fòrum)*

A walk from the newest seafront transformation to the oldest one. Beginning at Forum area we will visit all the seafront until the old harbor, going through the Olympic harbor and the Barceloneta esplanade. In 2004, Barcelona used a cultural event called Forum to transform the further northeastern seaside area. The whole project included getting the Diagonal Avenue until the sea, rise new buildings and organize large urban infrastructures underneath (sewage treatment plant, incinerator plant, recycling center, etc.). Among the new projects, there is the triangle Forum building from Herzog & DeMeuron, the Conference Centre (Josep Lluís Mateo, the photovoltaic pergola (Elías Torres & J. A. Lapeña) and a seaside park from Alejandro Zaera Polo. Social housing, offices, hotels and public facilities were also part of the urban plan, but some have not been developed yet. Diagonal Mar Park is a housing development in four skyscrapers surrounded by a Park (Enric Miralles and Benedetta Tagliabue, 2002). Next to this project, five housing blocks of the Cerdà's Eixample grid were designed in 1995 by Carlos Ferrater. In 1992, Barcelona used the Olympic Games as a chance to improve some parts of the city; the most important one was the opening of the city to the sea with the recovery of the beaches and the construction of the Olympic Village. That operation also included the creation of a ring highway that goes partly underground next to the seafront and improved the urban mobility. Going from the Olympic harbor to the Barceloneta esplanade we find new singular buildings, like the Mapfre tower and the Arts Hotel tower, the Biomedical Research Park (Manuel Brullet, 2006), the Gas Natural headquarters (EMBT architects, 2007) and the Vela Hotel (Ricard Bofill, 2011). The walk will end at the Barceloneta, a fishermen neighborhood built in the 18th century next to the harbor and outside the city walls to host the Old Town citizens that lost their house when the Ciutadella fortress was built. Firstly the area consisted of lower dwellings, but urban speculation made them rise until its current height. The seafront esplanade is a project by Jordi Henrich and Olga Tarrasó.

1-HOUR WALKING TOURS**FEE: 6€ / \$7.5 USD****Library and Day Centre for the Elderly in an Inner Courtyard of Cerdà's Eixample (1-Hour Tour)**

Friday, June 22, 2012 from 2:00PM-3:00PM

Meeting and ending point: Pati de les dones CCCB (courtyard)

This is a varied program for an urban complex, by RCR Architects, that reclaims as urban space the interior of a street block of Cerdà's Eixample in the neighborhood of Sant Antoni, just next to the Old Town. Since 1996, Barcelona City Council has recovered 45 block interiors as public spaces (93.000m²) with a plan to revitalize the Eixample district and improve the quality of life of its inhabitants. In this case, the library is the portal, filtering daylight through the boxes that are reading rooms interposed between the two sides that form it and letting the sun shine in through the passage opened from the street. The day centre for the elderly forms a cul-de-sac that shapes the public space with its facade and the courtyard to the rear. It also represents an element of social cohesion, facilitating the relation between children in the playground and the elderly people who come and go. The garden itself, with trees, stretches of granite sand and a play area, becomes an extension of the reading rooms of the library, which offers a tiered space that can be used for more informal activities.

Santa Caterina Market and Surroundings. Discovering the Core of Old Town (1-hour tour)

Thursday, June 21, 2012 from 2:00PM-3:00PM

Friday, June 22, 2012 from 2:00PM-3:00PM

Meeting and ending point: Pati de les dones CCCB (courtyard)

Santa Caterina market was built in the 19th century in the place of a former Gothic convent that was pulled down. In 2005, the market was completely renovated by Enric Miralles and Benedetta Tagliabue (EMBT Architects), with a project known for his wavy multicolored ceramics roof, supported by an organic shaped metal structure, and its wooden interior surfaces. After the Olympic Games (1992) Barcelona Old Town recovered the urban attention through the construction of great public facilities that should operate as dynamic factors of the urban development and also through building new dwellings to recover the housing fabric. Santa Caterina market was one of these several urban renovations plans that were also including social housing and new open public spaces. In close proximity of Santa Caterina market, two perpendicular axes were open in the cramped Old Town in different times: Via Laietana (1907-26) and Avinguda de la Catedral (1940). Via Laietana is a large avenue opened through the demolition of a large number of houses to connect the Eixample with the harbor, among much controversy. A new public facade was needed for the new metropolis, so the avenue became the place of the tertiary activities and its buildings were imitating the ones in Chicago. Avinguda de la Catedral appeared due to the Spanish Civil War bombings (1936-39), which allowed a large public space in front of the main Cathedral. On the opposite edge of the Avenue, we find the headquarters of the Architects Association (Xavier Busquets 1958-62), a sober building with a sgraffito of Pablo Picasso drawings.

Demolition to Renovate Old Town. Rambla del Raval: Boulevard, Film Library, Sports Center, Hotel, Offices and Social Housing (1-hour tour)

Thursday, June 21, 2012 from 2:00PM-3:00PM

Friday, June 22, 2012 from 2:00PM-3:00PM

Meeting and ending point: Pati de les dones CCCB (courtyard)

The demolition of a few very precarious street blocks in a sector of the old town, the Raval, created a new boulevard: Rambla del Raval (Jaume Artigues, 2000). The urban plan to revitalize the area of the historical centre with more population density, immigration and social problems, included also new buildings and public facilities; a sports center in a former textile factory (Can Ricart, Vora Arquitectura, 2006), a cylindrical shaped hotel (Josep M^a Blanco+CMV Architects, 2006), social housing (several architects), an "L" shaped building for trade union offices (MBM architects, 2008) and the new film library (Josep Lluís Mateo, 2012). Despite the difference of program and style of all these projects, they have a common aim to introduce new urban uses in the run down areas to promote a major variety of people and activities. An urban policy already adopted in the Raval north zone with the insertion of some University facilities and museums (CCCB, MACBA, FAD), that have managed to revitalize the neighborhood.

VERY CLOSE TO THE CCCB**Silenus**Àngels, 8
www.restaurantsilenus.com**Carmelitas**Doctor Dou, 1
carmelitas.biz**Bar Lobo**Pintor Fortuny, 3
T. 93 481 53 46
www.grupotragaluz.com/rest-barlobo.php**Ca l'Estevet**Valldonzella, 46
www.restaurantestevet.com**Visit (hotel Pulitzer)**Bergara 8
Tfno: +34 934 81 67 67
hotelpulitzer.es/restauracion-barcelona-plaza-catalunya.es.html**CENTER, 10-15 MUTES WALKING****Mercat Sta Catarina (by Enric Miralles)**

www.cuinessantacaterina.com

FÀBRICA MORITZ (by Jean Nouvel)Ronda Sant Antoni
informació i reserves: 934.260.050
www.moritz.com**Els 4 gats (art nouveau period, Picasso)**Montesio 3
www.4gats.com**Can Pitarra**Avinyó, 56
93 301 16 47
www.restaurantpitarra.cat**Can Culleretes**Quintana, 5
93 317 64 85
www.culleretes.com**Senyor Parellada (near Sta. Maria del Mar)**Argenteria 37
93 310 50 94
www.senyorparellada.com

WEDNESDAY, JUNE 20-FRIDAY, JUNE 22, 2012
BARCELONA, SPAIN

2012 ACSA INTERNATIONAL CONFERENCE
CHANGE, ARCHITECTURE, EDUCATION, PRACTICES