

# 5TH CHSA BIENNIAL MEETING SCHEDULE

UNIVERSITY OF TEXAS AT AUSTIN, MAY 26-28 2016

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## THURSDAY MAY 26

### CHSA MEMBERS MEETING (ALL WELCOME!)

5:30 TO 6:45PM

### EVENING RECEPTION

7:00 TO 8:00PM

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## FRIDAY MAY 27

### OPENING REMARKS: DEAN FRITZ STEINER

9:00 TO 9:15AM

### OPENING LECTURE: RICHARD CLEARY *AUSTIN GROWING CITY LIMITS*

9:15 TO 10:00AM

### COFFEE BREAK

10:00 TO 10:15AM

# PRESENTATION SESSIONS

10:15AM TO 12:30PM

## 1. PREFABRICATION IN NORTH-AMERICA I

| Presentation Title  | Author(s)                        |
|---|----------------------------------|
| "Federalized Prefabrication" Southeast Missouri Farms brings panelization to the public.                  | Michael O'Brien                  |
| Knowledge Transfer: Single Wall Construction and Modern Quest for a one-Component Structure and Enclosure | Ahmed K. Ali and Michael O'Brien |
| Prefab Pipedreams? Selling the Factory-Made House in Postwar America                                      | Marisa Gomez                     |
| San Francisco's Sunset District: A pre-WWII example of mass-produced light wood framed housing            | Corey Griffin                    |
| From Airplanes to Homes: Origin of Plywood Panel Construction in the U.S.                                 | Michele Chiuni                   |

## 2. SHELLS & SPATIAL STRUCTURES I

| Presentation Title   | Author                 |
|--|------------------------|
| "The Key to the Problem is the Section:" Nervi's Architectura Navale.  | Thomas Leslie          |
| Reinforced concrete shells: maximum constructive expression of the process of technological consolidation of 1900 to 1970 in Merida, Yucatan, Mexico | Manuel Roman           |
| Building Technology from Europe to America in Mid-20th. Century: Straight Edge Shells by Félix Candela in Mexico.                                    | Juan Ignacio Del Cueto |
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## 3. CODE, THEORY, & MANAGEMENT

| Presentation Title  | Author               |
|---|----------------------|
| Historical strengths and weaknesses of initiatives to increase construction productivity - A Popperian interpretation | Jose Fernandez-Solis |
| A Post-Modern Tectonic: Charles Moore's Early Designs with Post and Beam Construction                                 | Richard Hayes        |
| Twelve States of Building Code Pedigrees  | Robert Svez          |
| Arbitrating the Arbitrary: Architects, Contractors, and Their Contractual Relations in the Early 20th Century         | George Johnston      |

| Presentation Title  | Author        |
|---|---------------|
| From Architecture came Structural Engineers: Structural Engineering Licensure in Illinois | Marci Uihlein |

## LUNCH BREAK

12:30 TO 1:15PM

## PRESENTATION SESSIONS

1:15 TO 3:30PM

### 4. THE 19TH CENTURY

| Presentation Title  | Author                        |
|---|-------------------------------|
| Detailing the System: Cross-Disciplinary Knowledge Transfer in Constructing the Crystal Palace                | Eric Bellin                   |
| Old Cocoa Plantation Houses built in the lower Guayas river basin during the second cocoa boom. (1880 - 1920) | Claudia Peralta González      |
| A riveting story: development of the hot-riveting technique in iron and steel construction (1840-1940)        | Quentin Collette, Ine Wouters |
| Technology Transfer from Railway Engineering to Skyscrapers of the Chicago School                             | Michele Chiuni                |
| Constructing the New York Tribune Building 1873-1875  | Lee Gray                      |

### 5. COLONIAL LATIN AMERICA (16TH - 18TH CENTURIES)

| Presentation Title  | Author           |
|---|------------------|
| The Franciscan Colegio de San Andrés in Quito and the Inter-American Transference of Architectural Forms in the Early Colonial Period | Susan Webster    |
| The Eighteenth-Century San Antonio Missions: Metrology and Proportions in Spanish Colonial Land Survey and Building Construction      | Shelley Roff     |
| Of Reeds and Clays: Transforming the Walls of Santa Cruz de Lancha, an Eighteenth-Century Jesuit Farm                                 | Lisa Deleonardis |
| Spanish Moorish Ceilings in the New World   | Logan Wagner     |
| Mixtec Stonecutting Artistry, 16th Century Ribbed Vaults in Mexico  | Benjamin Ibarra  |

### 6. MID-CENTURY MODERN ARCHITECTURE

| Presentation Title  | Author            |
|---|-------------------|
| Saarenin's War Memorial in Milwaukee: A Case Study                                      | Royce Earnest     |
| Building Gravity: construction traditions in 20th century architecture in Latin America | Fernando Lara     |
| Judith Chafee: Building Culture   | Christopher Domin |

| Presentation Title   | Author         |
|--|----------------|
| Innovations in the Structural Systems In Tall Buildings In Bogota During the Decade of the Sixties- Case Study: Bavaria Building | Camilo Villate |
| Shipshape: Plastic Composite Construction At The 1964 New York World's Fair  | Andrew Cruse   |

## COFFEE BREAK

3:30 TO 4:00PM

## PRESENTATION SESSIONS

4:00 TO 5:00PM

### 7. PRE-COLONIAL LATIN AMERICA

| Presentation Title                                     | Author               |
|--|----------------------|
| Engineering the Inka Road in the High Andean Mountains | Cliff Schexnayder    |
| Monolithic construction in Mesoamerica                 | María Fernanda López |

### 8. COMMUNITY BASED PROJECTS

| Presentation Title   | Author      |
|--|-------------|
| Do-It-Ourselves: Ikea Hackers and Participatory Building Communities | Samuel Dodd |
| sukkah:shalom Building culture through architectural artifice.       | Peter Raab  |

### 9. BRIDGES

| Presentation Title  | Author                                       |
|---|--|
| Links to a Legacy: Rediscovering Lewis Wernwag's 1823 Nashville Toll Bridge | Christopher Marston                          |
| Wilhelm Hildenbrand's Innovative Engineering Works at La Ojuela, Mexico     | William D. Panczner and Stephen G. Buonopane |

## KEYNOTE LECTURE BY TOM PETERS

### *BUILDING TRANSFERENCE KNOWLEDGE IN NORTH AMERICA DURING THE 18TH CENTURY*

5:00 TO 6:00PM

## MEMBERS HAPPY HOUR

6:30 TO 7:30PM

## DINNER (SMALL GROUPS)

7:30PM

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## SATURDAY MAY 28

### KEYNOTE LECTURE BY ROBERTO MELI

### *BUILDING TRANSFERENCE KNOWLEDGE IN LATIN AMERICA DURING THE 16TH CENTURY*

9:00 TO 10:00AM

### COFFEE BREAK

10:00 TO 10:15AM

### PRESENTATION SESSIONS

10:15AM TO 12:15PM

#### 10. SHELLS & SPATIAL STRUCTURES II

| Presentation Title  | Author   |
|---|--|
| Saarinen's Seating and Sculptural Shells: The Enduring Influences of Early Furniture Designs                    | Rob Whitehead                                    |
| Typology and construction of lamella systems 1925-1935: an international cross-fertilization                    | Michele Chiuni                                   |
| Restricted Creativity: Jack Christiansen's Cylindrical Shells (1953-1958)                                       | Tyler Sprague                                    |
| The Industrial Revolution & Masonry Vaulting: The Decline of the Guastavino Company & the Rise of Eladio Dieste | Jessica Garcia Fritz and Federico Garcia Lammers |

| Presentation Title   | Author                   |
|--|--------------------------|
| Collaboration and Competition: Postwar Aluminum Producers and the Spread of Aluminum Cladding Technology | Tait Johnson             |
| Air Conditioning in Place  | Betsy Frederick-Rothwell |
| Double-skin glass facades: technology transfer across continents and climates                            | Mary Ben Bonham          |

## 12. CONSTRUCTION UNITS: TERRACOTA, GLASS & BRICK

| Presentation Title   | Author                         |
|--|--------------------------------|
| The Development of the Architectural Terra Cotta Industry in Chicago: The Letters of William H. Junge, 1876-1920     | Elyse McBride                  |
| The Decline of Terra Cotta Building Cladding in the United States during the Early Twentieth Century                 | Clifton Fordham                |
| Glass Block as a "Sustainable" Building Material for Building Retail Stores: "Benson & Rixon" Store in Chicago, 1937 | Mehdi Ashayeri Jahan Khanemloo |

## CLOSING REMARKS AND CONCLUSIONS

12:15 TO 12:45PM

## LUNCH

12:45 TO 1:30PM

## TOURS

1:30 TO 7:00PM

## DINNER (SMALL GROUPS)

7:30PM