Beyond the Dialogue

Join the Facade Tectonics Institute as we move beyond talk and into the realm of action and initiatives aimed at improving building performance and urban habitat through building facade technology. Our FACE TIME theme combines networking with industry leaders and a deep exploration of the building facade as the integrative factor in holistic building design. Read on for full program details.

FACADE TECTONICS
2016 WORLD CONGRESS
OCTOBER 10TH-11TH, 2016
SHERATON GRAND LOS ANGELES
**MONDAY, OCTOBER 10, 2016 | LOS ANGELES, CA**

**REGISTER NOW FOR EARLY BIRD**

**10:30 SESSION 2**

**MATERIALS <> TECTONICS | California D**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>10:30</td>
<td>Session 2</td>
<td>Parameters for Plasticity: An Approach to Unitized FRP Facade Design</td>
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<td>10:45</td>
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<td>Retrofitting Optimalization: Balancing Openings and Shading Devices for Kahn's Psychiatric Hospital</td>
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<td>11:00</td>
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<td>Adaptable Facades: A Case Study of High Performance System in Relation to the Human Condition</td>
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<td>11:15</td>
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<td>Development of Enclosure Details: Optimization Aided by Thermal Simulation</td>
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<td>11:30</td>
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<td>The Effectiveness of SUADARE: External Shading for Energy Efficiency and Visibility Quality in Jakarta</td>
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<td>11:45</td>
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<td>Measuring Envelope Heat Transfer: In-Situ Methods for Architectural and Architectural Researchers</td>
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<td>12:00</td>
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<td>The Effectiveness of Fixed Solar Shading: A Case Study</td>
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<td>Performing Morphogenetic: A Performance-Oriented Data-Driven Facade Design Process</td>
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**1:00 LUNCH BREAK**

**1:30 SESSION 3**

**MATERIALS <> TECTONICS | California E**

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<tr>
<td>1:30</td>
<td>Session 3</td>
<td>Innovative Complex Geometry GFRP: Thin-walled Concrete Panels for Future Building Envelopes</td>
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<td>1:45</td>
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<td>WELL Retrofit Case Study</td>
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<td>2:00</td>
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<td>Structural Skin: Integrating Structure and Cladding</td>
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<td>High Performance Facades: Heating and Cooling Loads Generation</td>
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<td>Timber Facades: A Conversation about the Engineering Process</td>
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**3:00 NETWORKING BREAK**

**3:30 SESSION 4**

**MATERIALS <> TECTONICS | California D**

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<tr>
<td>3:30</td>
<td>Session 4</td>
<td>New Options for the Envelope: Applications for Modular Pre-tensioned Textile Frames</td>
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<td>Facade Education for Industry and the Academy</td>
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<td>4:00</td>
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<td>Electrochromic Glass: Maximizing the Performance through Optimum Design and Optimal Control Strategies</td>
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<td>High Performance Facades: Redesigning the Built Environment</td>
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<td>3D Glass Facade Design Apps: Design, Development and Evaluation</td>
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**5:00 RECEPTION - HOSTED BY WALTER P. MOORE**
TUESDAY, OCTOBER 11, 2016 | LOS ANGELES, CA

12:00 LUNCH BREAK

10:30 SESSION 2 | California D

**RENOWEN <> PRESERVATION**
- Making the Glass House Habitable: The Debate on Transparency and A. William Hajjar’s Contribution in the Mid-Twentieth Century
  - Ute Poerschke / The Pennsylvania State University
- CO Architects: The Fifth Facade: Exploring and Celebrating Horizontality
  - George Torok / Morrison Hershfield Ltd.

**LAYERS <> ORIENTATION**
- Innovative Envelope: Experimental Technologies on Skyscrapers 1945-75
  - Michelle Schneider Santos / Mackenzie Presbyterian University
- Steel and Concrete Panels at USC Village
  - Elizabeth Urrutia / TAW WEISSE International

**FAÇADE <> FUTURE**
- FutureHAUS: Industrializing Architecture in the Digital Age
  - Joseph Wheeler / Virginia Tech, Center for Design Research
- Glass House for Music: Exploring Glass Walls for Concert Halls
  - Richard Green / Front, Inc.

**ACOUSTICS <> SKIN**
- Sound Flanking on Unitized Mullions: Performance Reduction Across Curtainwall Elements
  - Joseph Wheeler / Virginia Tech, Center for Design Research
- The Facade Tectonics Institute
  - The Facade Tectonics Institute

**ADVANCED <> CASE STUDIES**
- Integrated Facade Design: Design-Build Process of the LA Federal Courthouse
  - Jose Palacios, Garth Ramsey, Andrew Krebs / SOM
- Case Study - 222 2nd St: Technical development of a Shingled Curtainwall
  - Karen Brandt / Heintges & Associates

12:00 LUNCH BREAK

1:30 SESSION 3 | California D

**RENOWEN <> PRESERVATION**
- Reglazing Modernism: The American and European Experience To Date
  - Angel Ayón / AYON Studio Architecture and Preservation
- Observations on Multi-story Buildings in Istanbul
  - Jose Palacios / SOM

**LAYERS <> ORIENTATION**
- 21st Century Collegiate Gothic: Design and Fabrication of Concrete Precast Panels at USC Village
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- The Fifth Facade: Exploring and Celebrating Horizontalita
  - Alex Korter / CO Architects

**FAÇADE <> FUTURE**
- Alpaca Glass: A Lightweight Photosensitive for Urban Buildings
  - Petra Bogias / BoyashiMade
- Bio-Inspired Urban Futures: Designing Adaptive Facade Networks to Reimagine the City Ecosystem
  - Ilaria Mazzoleni / imstudio mi/la

**ACOUSTICS <> SKIN**
- Sound Control Laminated Glass: Improving Acoustical Performance
  - Philip Weisse / TAW WEISSE International
- Trickle Vent: New Generation Ventilation System
  - Michael Mulhern / TriPyramid Structures, Inc.

**ADVANCED <> CASE STUDIES**
- The Stavros Niarchos Foundation Cultural Center: Innovative Facade Systems Contrasting Monumental
  - Richard Green / Front, Inc.
- FutureHAUS: Industrializing Architecture in the Digital Age
  - Joseph Wheeler / Virginia Tech, Center for Design Research

10:30 SESSION 3 | California D

**RENOVATION <> PRESERVATION**
- Observations on Multi-story Buildings in Istanbul
  - Elif Tuğba Yalaz / Istanbul Technical University
- Reglazing Modernism: The American and European Experience To Date
  - Michelle Schneider Santos / Mackenzie Presbyterian University

**LAYERS <> ORIENTATION**
- Curtainwall Deficiencies and Failures: Observations on Multi-story Buildings in Istanbul
  - Ilaria Mazzoleni / imstudio mi/la

**ACOUSTICS <> SKIN**
- Sound Flanking on Unitized Mullions: Performance Reduction Across Curtainwall Elements
  - Alex Korter / CO Architects
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2:30 NETWORKING BREAK

3:00 SESSION 4

**SPECIAL PRESENTATION**
-玻璃的未来：在21世纪如何重塑城市
  - Ilaria Mazzoleni / imstudio mi/la
- Facade Health\(\text{c}\): Extended Envelope Lifespans through De-Generation
  - Kevin Kavanagh / CO Architects

**MAINTENANCE <> LIFECYCLE**
- Integrated Facade Design: Design-Build Process of the LA Federal Courthouse
  - Jose Palacios, Garth Ramsey, Andrew Krebs / SOM
- Performance Reduction Across Curtainwall Elements
  - Alex Korter / CO Architects

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2:30 NETWORKING BREAK
THANK YOU TO THE FACADE TECTONICS 2016 WORLD CONGRESS PREMIUM SPONSORS!

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THE FACADE TECTONICS INSTITUTE ORGANIZATIONAL MEMBERS

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