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
10:00 NETWORK BREAK - SPONSORED BY KURARAY

10:30 SESSION 2

DAYLIGHT <> CONTROL | California E

INTEGRATION <> ADAPTATION | California F

COMFORT <> SKIN | Wilstem

PROCESS <> DELIVERY | El Capitan

Parameters for Plasticity: An Approach to Unfolding FRP Facade Design
Jeff Ponzio, Mark Cabrini / Cal Poly State University, San Luis Obispo

FRP Composite Facade: Using FRP on High-rise Buildings
Bill Eyreyer / Freyrier & Associates

Adhesive Bonding in a Ventilated Facade: Structural Silicon Glazing of Composite Panels
Starrey Yee / Dow Corning

1:30 SESSION 3

MATERIAL <> TECTONICS | California D

DAYLIGHT <> CONTROL | California E

INTEGRATION <> ADAPTATION | California F

COMFORT <> SKIN | Wilstem

PROCESS <> DELIVERY | El Capitan

Innovative Composite Glass DSC2: Thin-walled Concrete Panels for Future Building Envelopes
Thomas Henriczen / TUDelft and Matt Macdonald

Precast Concrete Envelope Systems: Three Distinct Systems, their Attributes and Limitations
Doug Mooradian / PCI West

High Performance Concrete Facade: UHP-FCRC in Pre-cast Sandwich Panel Design
Jonathan M. Essary / University of Texas Arlington

1:00 NETWORK BREAK

2:00 SESSION 4

MATERIAL <> TECTONICS | California D

PACAGE <> EDUCATION | California E

INTEGRATION <> ADAPTATION | California F

COMFORT <> SKIN | Wilstem

PROCESS <> DELIVERY | El Capitan

New Options for the Envelope: Applications for Modular Pre-tensioned Textile Frames
Robert W. Jagger / Schüco International KG

Performance Water-filled ETFE Cushions: Adaptive Building Envelope
Jochen Lamp / Transsolar Climate Energietechnik GmbH

Glass or ETFE? A High-Transparency Material Discussion
Kao AlReed, Sayed Taraka / Walter P Moore

5:00 RECEPTION - HOSTED BY WALTER P MOORE

5:30 SESSION 5

MATERIAL <> TECTONICS | California D

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Data and Orders: Creating in the Exploration of Building Facade Strategies
Na Min Ra, Evan Levelle / Front, Inc.

12:00 LUNCH BREAK

MONDAY, OCTOBER 10, 2016 | LOS ANGELES, CA

REGISTER NOW FOR EARLY BIRD
TUESDAY, OCTOBER 11, 2016 | LOS ANGELES, CA

10:00 NETWORKING BREAK | SPONSORED BY KURAYURU

10:30 SESSION 2

ENVELOPE EFFICIENCY IN THE PUBLIC SECTOR:

- Edith Green-Wendell Wyatt Facade Replacement: Lauren Michelon, Dave Summers / Glumac

- Louis Kahn's Stainless Steel Glazing System: Performance Upgrades in the Richards Building: Aaron Davis / Heritage David Fider / EYP Architecture and Engineering

- Refurbishing ZDNC UK Heritage Facades: Success and Failures of Design and Delivery: Chae Atkinson / Mott MacDonald

LAYERING ORIENTATION

- The "An-Wall": A Mid-Twentieth-Century Double-Skin Facade by A. William Hajjar: Malvinder Lodhi / The Pennsylvania State University

- Double Skin Facades: Thermal and Energy Performance in Different Climate Types: Ata Aksaray / University of Massachusetts Amherst, Department of Architecture

- Parametric Study: Advanced Structural Silicone Glazing: John Gustafson / Curtain Wall Design & Consulting, USA

FAÇADE FUTURE


- NEXUSHouse Building Envelopes: Zero Net Energy, Net Positive Water, & Carbon Neutral: Sanaz Delar / The University of Texas at Austin, School of Architecture

- Parametric Tension Structures: An Autonomous Adaptive Facade System: Stephanie Bayard / Pratt Institute & Atelier Architecture 64

ACOUSTICS / SKIN

- Sound Control Laminated Glass: Improving Acoustical Performance: Natalie Block / Kuraray

- Glass House for Music: Exploring Glass Walls for Concert Halls: JinYoung Song / University at Buffalo, Department of Architecture

- Sound Flanking at Unisand Mullions: Performance Reduction Across Curtainwall Elements: Elizabeth Vernet / ARUP

ADVANCED CASE STUDIES / FIGURE

- Entisar Tower: The Next Generation of Super Tall Towers: Matthew Finney

- Case Study – 222 2nd St: Technical Development of a Stingled Curtainwall: Karen Brand / Hentiges & Associates

- Integrated Curtainwall Design: Design-Build Process of the LA Federal Courthouse: Jose Palacios, Garth Ramsey, Andrew Krebs / SOM

12:00 LUNCH BREAK

1:30 SESSION 3

RENOWNED / PRESERVATION

- Reglazing Modernism: The American and European Experience To Date: Angel Ayn / AVON Studio Architecture and Preservation


LAYERS ORIENTATION

- 21st Century Collegiate Gothic: Design and Fabrication of Concrete Precast Panels at USC Village: Jon Sofus / USC

- Double Skin Facades: Thermal and Energy Performance in Different Climate Types: Ata Aksaray / University of Massachusetts Amherst, Department of Architecture

- The Fifth Facade: Exploring and Celebrating Horizontality: Alex Korter / CO Architects

FAÇADE FUTURE

- Algɛx Textile: A Lightweight Photobioreactor for Urban Buildings: Petra Bogias / BoyashiMade

- Bio-Inspired Urban Futures: Designing Adaptive Facade Networks to Reimagine the City Ecosystem: Ilaria Mazzoleni / IFOC

FTI / FACADE TECTONICS INSTITUTE / WILHELM

- The Facade Tectonics Institute: FTI Steering Committee

MAINTENANCE / LIFE CYCLE

- Compliant Access and Maintenance Planning: How to Increase the Sustainability and Minimize Operational Risks: Philip Weiss / TAIWEI WESSE International

- Facade Health(sion): ExtendedEnvelope LifeSpans through Permeability, Adaptability and De-Generation: Kevin Kavanagh / CO Architects

2:00 NETWORKING BREAK

3:00 SESSION 4

SPECIAL PRESENTATION
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