

**OPEN** THE NEW POST-INDUSTRIAL  
**CITIES** WORLD ORDER

ACSA/AIK INTERNATIONAL CONFERENCE

JUNE 21-23 2014

SEOUL, SOUTH KOREA

PROGRAM BOOK

# ACSA/AIK INTERNATIONAL CONFERENCE

A fascinating and culturally-based urbanism has emerged in Asia and elsewhere, fueled by aggressive investment in education, technology, and innovation. It is hoped that concentration on these new-age tools will advance the most culturally sophisticated lifestyles possible, and in so doing reverse the trend of Westernization in favor of a more globalized world-view. The result is unprecedented—a premier service-industry city typology, a new open city, a paradigm of a global post-industrial city.

In those cities that have actively engaged this type of development, its effects are far-reaching and unprecedented, in particular for the design industries upon whose skill and innovation all services rely. Traditional systems of Western urbanism cannot be applied to the development of the new post-industrial city; they simply cannot cope with the demands posed by: the integration of new types of service/culture programs, application of technological advancements, and development/density/performance criteria. A new urbanism, marked by supremely hybridized building and infrastructural systems, including housing, has emerged—and we see it in the rise of landscape urbanism, infrastructural landscapes, and a design culture underpinned by seemingly boundless interdisciplinary crossovers. In addition, traditions of Western urbanism that touched upon national identity and regionalism have been replaced by a new globalized identity.

This conference will explore the phenomenon of the open city by hosting panels that explore the reverberations of this new urban order.

## Conference Location

Ewha Womens University  
11-1, Daehyeon-dong, Seodaemun-gu, Seoul, South Korea

You can find the registration desk outside of Lee San-Bong Hall.

## Conference Chairs

Alice Kimm, University of Southern California  
Jaepil Choi, Seoul National University

## ACSA President

Norman Millar, Woodbury University

## Topic Chairs

### Emergent Models of Architectural Education

Frances Bronet, University of Oregon  
Tomoaki Tanaka, Meiji University  
*Moderators:* Alice Kimm, University of Southern California;  
Eui-Sung Yi, Morphosis Architects/The Now Institute/USC;  
Eric Nulman, University of Southern California

### Urban Environments + New Regionalism

Margaret Crawford, University of California, Berkeley  
Inha Jung, Hanyang University

### Architecture + Change in the Public Realm

Martha Thorne, IE University  
Young-min Koo, Inha University  
*Moderator:* Santiago Porras Alvarez, Korea University

### Paradigm or Practice

Mary-Ann Ray, University of Michigan  
Eulho Suh, Suh Architects

### Design + Building in the Open City

David Erdman, University of Hong Kong  
Hayub Song, Chung-Ang University

### Technology + Lifestyle: Theories and Methods in an Expanded Field

Marcus Shaffer, Pennsylvania State University  
Chae-Shin Yoon, Ewha Womans University

### Resilient Communities: Design Strategies for Healthy + Sustainable Environments

Daniel Friedman, University of Washington  
Sun-Young Rieh, University of Seoul

### Parametrics + Planning: New Hybrids + Landscape Infrastructure

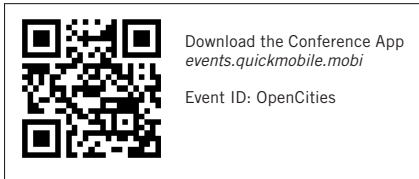
Sung-Ah Kim, Sungkyungkwon University  
Bimal Mendis, Yale University

### Open

Clark Llewellyn, University of Hawaii  
Jin Baek, Seoul National University

## Research + Design Project Exhibition Jury

Peter Ferretto, Seoul National University  
Hsin-Ming Fung, Southern California Institute of Architecture  
Hahn Joh, HAHN Design  
Alice Kimm, University of Southern California  
Ken Min, SKM Architects  
Eui-Sung Yi, Morphosis Architects/The Now Institute/USC



Association of Collegiate  
Schools of Architecture



Architectural  
Institute of Korea



Ewha Womens  
University



Seoul National  
University

**PAPER SESSIONS** 14:30 - 16:00**Room B159**

**Emergent Models of Architectural Education: Rethinking Pedagogy + Curriculum: new tools, new models**

**Pedagogy at Full-Scale**

Eric Thomas Nulman, University of Southern California

**The Power of the Collective: Recent Experiments in the Foundation Studies**

Jae-Sung Chon, University of Manitoba

**Intra-Disciplinary Pedagogy in Design: a Case Study for Diversity and Collaboration in a Research-Based Design Studio**

Carlos Roberto Barrios, Dustin Graham Albright, Daniel Nevin Harding & Ufuk Ersoy, Clemson University

**OPEN learning :: Academic Relevance and New Modes for Learning and Application of Knowledge**

Awilda I. Rodriguez, Oklahoma State University

**From Scratch: Designing Architecture School**

James Fowler Eckler Jr., Marywood University

**Room B157****Design + Building in the Open City: Session 1****Radical Authenticity**

Thom Faulders, California College of the Arts

**Culture of Mix: Keunseng, A Building Typology for Open City**

Sanghun Lee, Konkuk University

**Building the Wind**

Stephen Hugh Roe, Feng Chia University & Chiafang Wu

**Accidental Yet Transformative: The Significance of the Bigness of the Turbine Hall in Tate Modern**

Yoonjeong Shin & Jin Baek, Seoul National University

**Room B155****Technology + Lifestyle: Theories and Methods in an Expanded Field: Session 1****Geographies of Consumption**

Mark Stanley & Micah Rutenberg, Woodbury University

**Mecha Urbanism: A Postphenomenology Between Cities and Cooperatively Autonomous Technologies**

William T. Willoughby, Kent State University

**Ingestible Cities**

Donna Kacmar, University of Houston

**Crafting Eclipsis: Integrating Computational Design and Automation through Programmed Craft-Based Fabrication in the Developing World**

Nathan King, Harvard; Virginia Tech; MASS Design Group, Jonathan Grinham, Harvard; Virginia Tech; SAOAS Design Group, David Saladik, MASS Design Group, Alan Ricks, MASS Design Group & Michael Murphy, MASS Design Group

**COFFEE BREAK** 16:00 - 16:30

**Lee San-Bong Hall**

**PAPER SESSIONS** 16:30 - 18:00**Room B159**

**Emergent Models of Architectural Education: Interdisciplinary Design + Technology: Interactivity, Computation, Digitization**

**Beyond Digital Steroids: a Pedagogical Approach to Foundation Design Education Though Design Robotics**

Nathan King, Harvard; RISD; Virginia Tech, Jonathan Grinham, Harvard; SAOAS Design Group, Stefanie Pender, RISD, Rachel Wroman, Harvard University & Chip Clark, Virginia Tech

**Footloose, Six Degrees of Separation**

James Fowler Eckler Jr. & Kate O'Connor, Marywood University

**Integration**

Donna Kacmar, University of Houston

**Computational Regionalism**

Faysal Tabarra, American University of Sharjah

**Room B157****Design + Building in the Open City: Session 2****Mass Customized Cities**

Tom Verebes, The University of Hong Kong

**What Stand Can Urbanity Take in the Uncontrolled Periphery?**

Craig Babe, Texas A&M University

**Clues to the Future of Media Architecture**

Zhigang Chang, China Central Academy of Fine Arts

**Room B155****Technology + Lifestyle: Theories and Methods in an Expanded Field: Session 2****Emergence of Anecdotal 'Moment-Spaces' in Contemporary Cities**

Jae-Sung Chon, University of Manitoba

**Architecture in the Mediated City**

Jason Crow, Louisiana State University

**Heat, Air and Life: Thermodynamics and Use in Building Environments**

Stephen Hugh Roe, Feng Chia University & Chiafang Wu

**OPENING PLENARY + RECEPTION** 18:30 - 21:00**Lee San-Bong Hall****Seoul: Its Past, Present, and Future**

BongHee Jeon, Seoul National University  
Hyungmin Pai, University of Seoul  
Peter W. Ferretto, Seoul National University

This plenary provides an understanding of the host city. Its past, including its birth and spatial structure of Joseon Seoul with its Fengshui implementation, and its continuing transformation up to the end of World War II, will be presented by Jeon. The present Seoul, by Pai, will deal with its position and role in the contemporary Korean society and economy, and also from the perspective of globalism. And finally, the future Seoul will be presented by Ferretto in the context of "genetically modified modernism." Reception to follow.

**PAPER SESSIONS** 9:30 - 11:00**Room B161****Emergent Models of Architectural Education: Place/ City as Laboratory****Traveling on Fredericksburg Road: 120 Years in 12 Miles**  
Ian Caine, University of Texas at San Antonio**Redefining Urban Spaces in New York City's Chinatown through the creation of Gateways**  
Esteban Beita, New York City College of Technology**Studio and the City: a Model for Urban Engagement in Medellin, Columbia**  
Madlen Simon, University of Maryland**Market Innovation for Social Practice**  
Margarette Leite, Portland State University**Room B159****Urban Environments + New Regionalism: Struggles to Define Public Spaces****Border Stories: Opening Hong Kong's Frontier Territory**  
Joshua Bolchover, The University of Hong Kong**The Politics of Public Places in Dhaka**  
Adnan Morshed, Catholic University of America**Post-war Beirut: Interventions for Public + Private Spaces**  
Elizabeth Martin, Southern Polytechnic State University**Mapping the Elastic Public Realm**  
Andres Sevtsuk & Onur Ekmekci, Singapore University of Technology and Design**Room B157****Open: Session 1****Displaced Territories**  
Bradford Watson, Montana State University & Sean Burkholder, University at Buffalo, SUNY**Global Peripheries: Growth, Disinvestment, and Change in Multicultural Suburban Houston**  
Gregory Marinic, University of Houston**All That Is Solid: Asset Urbanism and the Financial Dynamics of Post-Industrial Urbanism**  
Matthew Soules, University of British Columbia**From Transparency to Blur**  
Thomas Mical**COFFEE BREAK** 11:00 - 11:30**Lee San-Bong Hall****PAPER SESSIONS** 11:30 - 13:00**Room B161****Emergent Models of Architectural Education: Working with Others****Working with and for "Others": Architecture in an Expanded "World"**  
Sabir Khan, Georgia Institute of Technology**A Pedagogical Exploration of an Open-Source Architecture Paradigm in the Responsive Design Studio**  
Susan I. Frostén & Kihong Ku, Philadelphia University & Jonathan Grinham, Harvard University**Learning from Design Disciplines: Importance of Understanding the Interdisciplinary Architecture Education**  
Tae Seo Koo, North Carolina State University**Unlikely Partnerships**

John C. Brittingham, Montana State University

**Room B159****Urban Environments + New Regionalism: New Paradigms of Design and Interpretation****The Ark: Grafting Productive Programs onto Contemporary Waste-space**  
Caryn Brause & Carey Clouse, University of Massachusetts, Amherst**A Guide to the Dirty South: Atlanta**  
Jennifer Bonner, Georgia Institute of Technology**Soft Infrastructure Applications**  
Seung K. Ra, Oklahoma State University**Absence of Continuity in Cultural Landscapes**  
Bartłomiej K. Sapeta, Keene State College**Room B157****Open: Session 2****Informal Urbanization of Latin America: the Post-Global Proto-Cities**  
Diana Maldonado, Universidad Autónoma de Nuevo León**Race, Rhetoric and Revision: Considering June Jordan as Utopian Architect**  
Charles L. Davis II, University of North Carolina at Charlotte**Facade- Poche Sutures Gentrified Open City**  
Hayub Song, Chung-Ang University

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**Room B155**

**Paradigm or Practice: Models of Design + Research for a New Global Age**

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**A Conceptual Framework for Enriching Architecture: Nine PIDPR Models**

Joongsub Kim, Lawrence Technological University

**Shared Aspirations and Community Identity: How Re-imagined History Museums Can Matter in a Post-Industrial City**

Deborah E. Ryan, University of North Carolina at Charlotte

**Informing a Cultural Typology: Research and Design Strategies for a Resilient Community Architecture in Alexandra Township, Johannesburg, South Africa**

Christopher Harnish, Philadelphia University

**BREAK** 13:00 - 15:00

**PAPER SESSIONS** 15:00 - 16:30

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**Room B161**

**Emergent Models of Architectural Education: Global Fields of Study: place-based learning**

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**Global Tracks and Immersive Models**

Lance Walters, University of Hawaii At Manoa

**Project Based Learning: Interdisciplinary Collaboration of Bio-Facades in Urban Environment**

Kyoungh-Hee Kim & Matthew Parrow, University of North Carolina at Charlotte

**Youth Manifest: Examining the Collaborative Efforts of Alexandra Township Youth and University Architecture Students to Visualize Community Transformation**

Christopher Harnish, Philadelphia University

**Design Research Studios: Data-driven, Trans-disciplinary, Collaborative**

Marilys R. Nepomechie & Marta Canaves, Florida International University

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**Room B159**

**Urban Environments + New Regionalism: "Urban" Design at Multiple Scales**

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**Left Behind but Filling the Voids: Rethinking Northern Mexican Urban Peripheries**

Gabriel Diaz-Montemayor, University of Texas at Austin

**Edges of Urban Block in Seoul as a Liminal Space**

Sanghun Lee, Konkuk University

**Dubai, City of Desire**

Eirik Heintz, American University of Sharjah

**Study on Regeneration of Downtown Area Through Riverfront Development as Urban Catalyst**

Takafumi Arima, Kyushu University & Koichiro Aitani, Texas A&M University

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**Room B157**

**Open: Session 3**

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**Challenges and Opportunities to Compact Urban Forms in Dubai: Coping with Conflicts in Opinions of High Density Neighborhoods**

Khaled Alawadi, Masdar Institute

**Joseph Paxton's Lily House: A Heterotopia at the Roots of the Myth of Transparency**

Ufuk Ersoy, Clemson University

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**Room B155**

**Parametrics + Planning: New Hybrids + Landscape Infrastructure**

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**Dubai [Metro]polis: Landscape Infrastructure and Urban Utopia**

Nadia Mounajjed & Paolo Caratelli, Abu Dhabi University

**From Metaphor to Model: Expanding Ecologically-Informed Urban Design**

Daniel Malka & Maya Przybylski, University of Waterloo

**A Parametric Vernacular: Genetic Algorithms in Urban Formations**

Lee Su Huang, University of Florida

**COFFEE BREAK** 16:30 - 17:00

**Lee San-Bong Hall**

**PLENARY SESSION** 18:30 - 21:00

**Lee San-Bong Hall**

**Research + Design Panel Discussion**

Hsinming Fung, Southern California Institute of Architecture  
Norman Millar, Woodbury University  
Eui-Sung Yi, Morphosis Architects & The Now Institute

**In this session, the Research + Design Projects Special Merit Awards will be announced.**

The panel will examine how our increasingly technologically-driven design culture, responding to effects of post-industrial globalization, has led to new modes of design practice. How has the nature of applied research changed? What are the new collaborative platforms found in practice? How have they changed the generation and meaning of form, and what might the future city look like (and how might it be experienced) as a result? Finally, how do West and East compare?

**PAPER SESSIONS** 9:30 - 11:00**Room B161**

**Paradigm or Practice: Civic & Material Interactions: Dialogic Diagrams, Derives & Directives**

**Creating Hybrid Programs and Predicting Their Evolution Through 4D Parametric Analysis**

Michael Everts & Bradford Watson, Montana State University

**Toyo Ito's Second Age of Aluminum**

Dana Buntrock, University of California, Berkeley & Masato Araya

**Research and the Latent Metropolis**

Lance Walters, University of Hawaii at Manoa

**Room B159**

**Urban Environments + New Regionalism: Connecting the Public**

**Community Resilience Through Two Models of Public Space Intervention: Top-Down Stakeholder Driven and Bottom-Up Grassroots Community Initiatives**

Nancy Chikaraishi & Traci D. Sooter, Drury University

**The Role of Client Engagement in Public Space Making in Korea**

Daniel Oh, Korea University

**We Are All Urbanists Now: The TED and Gerry Show**

Sabir Khan, Georgia Institute of Technology

**Infrastructure as a Transformative Cultural Project in the Post-industrial City: An Emerging Paradigm for Public Space in Suzhou**

Yong Huang, Drury University

**Room B157**

**Resilient Communities: Design Strategies for Healthy + Sustainable Environments: Session 1**

**RESILIENCE: Scaled Strategies for Health**

Susan K. Rogers, University of Houston

**Restoring Connection to Place: Physical and Social Factors in Neighborhood Place Attachment**

Aliaa Elabd, Alfaisal University

**MISI-ZIIBI: Living with the Great Rivers, Climate Adaptation Strategies in the Midwest River Basins**

Dale Morris, John Hoal & Derek Hoferlin, Washington University in St. Louis

**PROJECT SESSION** 9:30 - 11:00**Room B155**

**Research + Design Projects: Session 1**  
Norman Millar, Woodbury University

**reSKIN: Parametrically Defined Insulated Metal Panels**

Caryn Brause, University of Massachusetts, Amherst

**Erratic**

Daniel Norell, Kungliga Tekniska Högskolan & Einar Rodhe, Royal Institute of Technology, Stockholm

**Bidirectional Parametrics in Architecture and Urban Design: The Han River in Seoul**

Kiduck Kim, University of California, Los Angeles

**Ascoli Piceno Nuovissimo**

Jennifer Lee & Pablo Castro, OBRA Architects

**Paper Variations**

Stephen Hugh Roe, Feng Chia University & Chiafang Wu

**reFolding Muqarnas: A Case Study**

Ghazal Abbasy-Asbagh, University of Virginia

**The Mutating Demilitarized Zone (DMZ): Layers of Spatial Negotiations**

Dongsei Kim, Columbia University

**COFFEE BREAK** 11:00 - 11:30

**Lee San-Bong Hall**

**PAPER SESSIONS** 11:30 - 13:00**Room B161**

**Paradigm or Practice: New Forms of Global Adaptations: The Latent/Ghost/Untitled/Transnational "City" of 7 Million**

**Ghost Density: Post-Industrial Economies and the Spatial Avatars of Super Wealth**

Matthew Soules, University of British Columbia

**Untitled Space by Toornend & Post: Researching the Reality of Practice through the Virtuality of Architecture**

William T. Willoughby, Kent State University

**Transnational Architecture & New Femininity**

Marta Rodriguez, University of Houston

**A Global Paradigm: The City of 7 Billion**

Bimal Mendis & Joyce Hsiang, Yale University

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**Rip[Stop] Tower**

Lee Su Huang, University of Florida

**Lill-Valla: Tracing Landscapes**

Daniel Norell, Kungliga Tekniska högskolan & Einar Rodhe, Royal Institute of Technology, Stockholm

**Lantern Field: Attention and Deceleration Through Communal Making and Interaction**

Aki Ishida, Virginia Tech

**BREAK** 13:00 - 15:00

**PAPER SESSIONS** 15:00 - 16:30

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**Room B161**

**Paradigm or Practice: Synthesized Systems: Ecology, Nature, Site, Place + Architecture**

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**Synthesized Systems: Toward Emergent Architecture in the Era of Global Cities**

Brittney Everett, Independent Scholar

**Requalifying a Hinterland Through Indigenous Flows: Caogong Canal and Ad-Hoc City, Kaohsiung**

Yisheng Yang, KU Leuven

**Ecology as a Framework for Design Methodology**

Catherine Ann Somerville Venart, Dalhousie University

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**Room B159**

**Architecture + Change in the Public Realm: Session 2**

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**Housing in China: Breaking the Bounds of Contemporary Urban Theory**

Alexandra Staub, Pennsylvania State University

**Race, Rights, and Housing Design for Refugee and Asylum Seekers in South Africa**

Patrick Lynn Rivers, School of the Art Institute of Chicago & Kai Mah, Laurentian University

**Designing an Open System: indeterminate Boundary for a University Campus**

Asli Cekmis & Isil Hacihanoglu, Istanbul Technical University

**A Comparison of "Third Place" High-Density Residential Environments**

Peter L. Wong, University of North Carolina at Charlotte & Li Qing, Tongji University

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**Room B157**

**Resilient Communities: Design Strategies for Healthy + Sustainable Environments: Session 3**

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**Sites and Services from an Architectural Perspective: A Case Study in the Dandora Community**

Glen Wash Ivanovic, Xi'an Jiaotong-Liverpool University

**Avoiding "Compulsory Automobility" in Asia's Open Cities**

Cotten Seiler, Dickinson College

**24/7 Lifestyle and Chronobiology of New Open Cities**

Aki Ishida, Virginia Tech

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**Room B159**

**Architecture + Change in the Public Realm: Session 1**

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**Future-Invested Urbanism: Beirut's Shifting Society**

Elizabeth Martin, Southern Polytechnic State University

**Across the Metropolis: Metro as Change Catalyst**

Arunava Dasgupta, School of Planning and Architecture, New Delhi

**ALLURE: A Post-Industrial City from Elsewhere else-where / adverb: in or to another place i.e. The parts are produced elsewhere.**

Deborah E. Ryan, University of North Carolina at Charlotte

**Technologies for a New Urban Agency: Instrumentalizing Activist Interventions in the Public Realm**

Antje K. Steinmuller, California College of the Arts

**Dubai 2020: Mega Malls and Spaces of Post-postmodernity**

Mohamed El Amrousi, Paolo Caratelli & Sadeka Shakour, Abu Dhabi University

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**Room B157**

**Resilient Communities: Design Strategies for Healthy + Sustainable Environments: Session 2**

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**Measuring Urban Resilience: People-Place Relationships in Sustainable Communities**

Aliaa Elabd, Alfaisal University, Celen Pasalar & George D. Hollowell III, North Carolina State University

**Existing Low-Income Settlement Morphology May Provide a Community Inclusive Mechanism for Slum Redevelopment**

Tasnova Iqbal, Independent Scholar

**Building Resilient Communities in the Aftermath of Natural Disaster: A Demonstration Home in Joplin, Missouri**

Traci D. Sooter & Nancy Chikaraishi, Drury University

**PROJECT SESSION** 11:30 - 13:00

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**Room B155**

**Research + Design Projects: Session 2**

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Alice Kimm, University of Southern California

**A Park & Townhall for an Informal Settlement**

Ghazal Abbasy-Asbagh, University of Virginia, Magali Jurado & Juan Vasquez, Municipio de Panama

**Massimals: Interactive Assembly Models**

Akari Takebayashi & Jason Scroggin, University of Kentucky

**Breaking the Mold: Variable Vacuum Forming**

Blair Satterfield, University of British Columbia & Marc Swackhamer, University of Minnesota

**Sukkanoe**

Gregory Marinic, Michelangelo Sabatino, & Nicholas Herrera, University of Houston

**Cumulis Occuli**

Jonathon Anderson, University of Nevada, Las Vegas

## PROJECT SESSION 15:00 - 16:30

### Room B155

#### Research + Design Projects: Session 3

Hsinming Fung, Southern California Institute of Architecture

#### Parking[day] 2013

Jonathon Anderson & Ken McCown, University of Nevada, Las Vegas

#### Post Structural Delineation

Volkan Alkanoglu, Georgia Institute of Technology

#### Stitch Morphologies : Shanghai

Jeffrey Nesbit, Texas Tech University

#### Altered (e)States

Clover Lee, Rice University & David Erdman, The University of Hong Kong

#### Synthetic Epiphytes

Gregory Marinic, Megan Jackson, Pedro Martinez, University of Houston & Jonathon Anderson, University of Las Vegas, Nevada

#### Vitalized Geometry

Daniel M. Baerlecken, Matthias Frei, Sabri Gokmen, Georgia Institute of Technology & Judith Reitz, RWTH Aachen University

## COFFEE BREAK 16:30 - 17:00

Lee San-Bong Hall

## CLOSING KEYNOTE 17:00 - 18:30

### Music Building: Kim Young-ui Hall

Toyo Ito was born in Keijo (Seoul), South Korea and worked for Kiyonori Kikutake before he opened his own office in 1971, first as Urban Robot (URBOT) and later Toyo Ito & Associates. In 2006, Ito was awarded the Royal Gold Medal from The Royal Institute of British Architects and in 2013; Ito was awarded the Pritzker Prize, one of architecture's most prestigious prizes.



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