BLACK BOX

ARTICULATING ARCHITECTURE'S CORE IN THE POST-DIGITAL ERA

MARCH 28-30, 2019
PITTSBURGH, PA

ABOUT THE CONFERENCE

Co-chairs
Jeremy Ficca, Carnegie Mellon University
Amy Kulper, Rhode Island School of Design
Grace La, Harvard University

Host School
Carnegie Mellon University

In his final essay, written while on life-support and published posthumously, the prolific architectural critic, Reyner Banham, attempted to draw a distinction between architecture and other modes of design. Banham's essay likened the discipline of architecture to a black box – a device known only through its inputs and outputs, but never through its content. The elusive and absolute quality of architecture that Banham wanted to articulate resided, for him, in the how rather than the what, in the performance of architecture rather than its meaning. For Banham, the trope of the black box alludes to an absolute quality of architecture, a disciplinary core, but one senses in the unfolding of his argument, a similar dilemma to the one Chief Justice Stewart Potter encountered in his refusal to define pornography, and his defiant claim that he knows it when he sees it. In the nearly thirty years since the essay's publication, we find ourselves in a post digital world in which architecture has continued to broaden its arsenal of techniques and operate across an increasingly expanded field. The driving questions for this conference are: Has this unprecedented proliferation and migration distanced architecture from its disciplinary core or helped to transform and reinstate it? And what impact do these radical transformations in architecture's cultural production have on the discipline?

If Banham's ruminations migrate towards architecture's core, then at the opposite extreme Jane Rendell, architect and critic, conceptualizes architecture as a subject encompassing a number of disciplinary approaches. Contemporary architectural education reflects this breadth, encompassing nearly as many approaches and methods as there are educators. Given this exceptional diversity, the conference asks a deceptively simple question: What constitutes the core education of an architect? This question is complicated by synthetic curricular approaches that foreground the imbrications of design, technology and history/theory, promiscuously appropriating techniques across these distinctive epistemologies.

We seek session proposals that articulate architecture's core: its curricular core, its core assertions, and its core techniques. This is neither a nostalgic, arrière-garde return, nor a critique of avant-garde disciplinary diversity, but rather a genuine questioning and probing of the vanguard in order to determine what currently matters to the education of an architect. If, following Rendell's lead, we define architecture as a subject containing a number of disciplinary approaches, then this conference will focus on method, research and practice - categories of operation that specifically eschew content, but allow us to nevertheless glimpse inside Banham's elusive black box. We welcome proposals that interrogate these categories, considering both their disciplinary bounds and the ongoing proliferation of promiscuous hybrids.

CONTENTS

EXHIBIT HALL HOURS

Be sure to visit the Exhibit Hall in the
Second Floor Lobby during the following hours.

THURSDAY
01:30 PM – 06:00 PM

FRIDAY
09:00 AM – 04:00 PM

SATURDAY
09:00 AM – 04:00 PM

SPONSORS

TAU SIGMA DELTA HONOR SOCIETY

CARNEGIE MUSEUM OF ART

CARNEGIE MELLON UNIVERSITY SCHOOL OF ARCHITECTURE

STAY CONNECTED

ACSA NATIONAL OFFICE

@ACSAUpdate **#ACSA107**

facebook.com/ACSANational

instagram.com/ACSANational

STUDY ARCHITECTURE

@studyarch **#studyarchitecture**

facebook.com/studyarchitecture

instagram.com/studyarchitecture

IMADETHAT_

@IMadeThat_ **#imadethat**
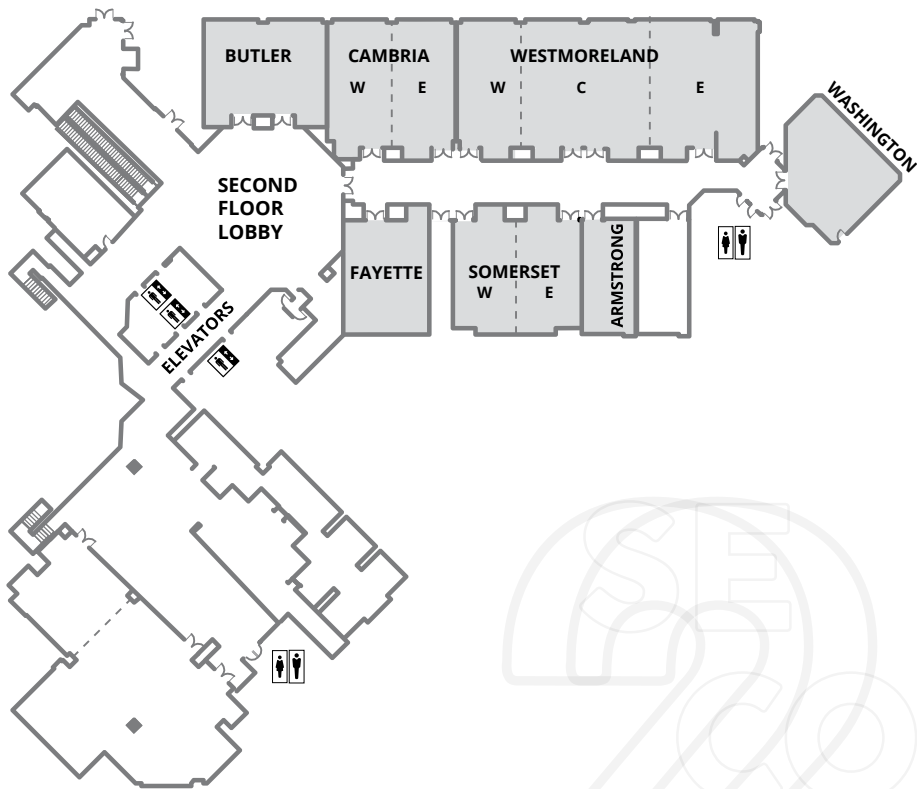
facebook.com/imadethat_

instagram.com/imadethat_

TAD JOURNAL

facebook.com/TADjournal

JOURNAL OF ARCHITECTURAL EDUCATION

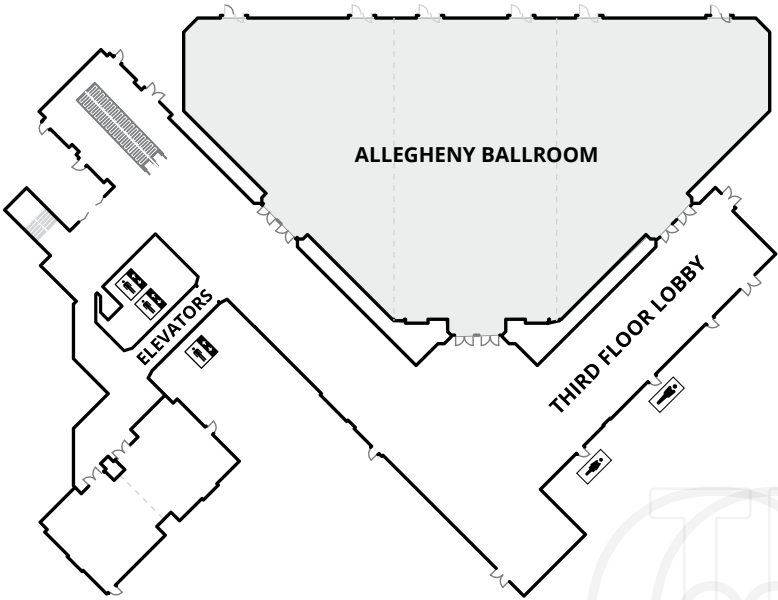facebook.com/journalof
architecturaleducation

SECOND FLOOR

BUTLER

CAMBRIA
W   E

WESTMORELAND
W   C   E

WASHINGTON

SECOND
FLOOR
LOBBY

FAYETTE

SOMERSET
W   E

ARMSTRONG

ELEVATORS

ALLEGHENY BALLROOM

THIRD FLOOR LOBBY

ELEVATORS

CARRIE FURNACES INDUSTRIAL TOUR

12:30 - 02:30	**Saturday, March 30, 2019**

Declared a National Historic Landmark in 2006, Carrie, as it is affectionately known, entices visitors to marvel at the scale and legacy of its industrial might. The guided Industrial Tour highlights the drama of the iron-making process - from the movement of raw materials to the tapping of the furnaces producing fiery molten iron - while sharing the stories of the site's technology, its workers and their culture. Carrie Furnace is typically closed Oct.-May, but Rivers of Steel are opening for ACSA attendees. Sponsored by the American Institute of Steel Construction (AISC).

Tour Itinerary

12:30 PM	Bus board at Westin Pittsburgh Boxed Lunch (included), Jimmy Johns
01:00 PM	Arrive at Carrie Furnaces Guided Tour of Carrie Furnaces*
02:00 PM	Return to Westin Pittsburgh

Travelers should dress for the weather and wear comfortable, closed-toe walking shoes.

Private Bus & Walking, Lunch Included
Advanced registration is required & space is limited.

TOUR COST: $75 (ONSITE)

WRIGHT THIS WAY TOUR

Sunday, March 31, 2019	09:00 - 06:00

Declared a National Historic Landmark in 2006, Carrie, as it is affectionately known, entices visitors to marvel at the scale and legacy of its industrial might. The guided Industrial Tour highlights the drama of the iron-making process - from the movement of raw materials to the tapping of the furnaces producing fiery molten iron - while sharing the stories of the site's technology, its workers and their culture. Carrie Furnace is typically closed Oct.-May, but Rivers of Steel are opening for ACSA attendees. Sponsored by the American Institute of Steel Construction (AISC).

Tour Itinerary
09:00 AM   Bus board at Westin Pittsburgh & travel to Polymath Park
10:30 AM   Arrive at Polymath Park
11:00 AM   Tour Duncan House*
12:00 PM   Lunch (included) at Tree Tops Restaurant
01:00 PM   Travel to Fallingwater
02:00 PM   Visitor Center, Exhibits & Store
02:30 PM   Fallingwater Tours
04:30 PM   Return to Westin Pittsburgh

* Travelers should dress for the weather and wear comfortable, closed-toe walking shoes.

Private Bus & Walking, Lunch Included
Advanced registration is required & space is limited.

TOUR COST: $175 (ONSITE)

ACSA / AIA HOUSING & COMMUNITY DEVELOPMENT WORKSHOP

| DAY 1 | **WEDNESDAY, MARCH 27, 2019** |

PROFESSIONALS, RESEARCHERS, AND COMMUNITIES BUILDING THE EQUITABLE CITY
A program of ACSA and the AIA Housing and Community Development Knowledge Community, presented in partnership with AIA Pittsburgh, ULI Pittsburgh, and Pittsburgh History & Landmarks Foundation

05:30 – 07:30
BUTLER

WELCOME LECTURE: A TALE OF TWO CITIES

Introductions: Ceara O'Leary, AIA National Housing and Community Development Knowledge Community & Anne-Marie Lubenau, Bruner Foundation
Moderator: William Bates, AIA National President

Christine Mondor, Carnegie Mellon University; City of Pittsburgh Planning Commission
Ted Landsmark, Northeastern University; Boston Planning and Development Authority

07:30 – 09:00
AIA PITTSBURGH

Welcome Reception @ AIA Pittsburgh
Drinks and hors d'oeuvres; open to all.

925 LIBERTY AVE SUITE 700

| DAY 2 | **THURSDAY, MARCH 28, 2019** |

08:30 – 11:30
WESTIN FIRST
FLOOR LOBBY

INSIDER'S TOUR: LOCAL HOUSING AND COMMUNITY DEVELOPMENT PROJECTS
Tour Leads: Malik Bankston, Kingsley Association; Jonathan Kline, Carnegie Mellon University, Studio for Spatial Practice; Skip Schwab, East Liberty Development Inc; & Valentina Vavasis, Carnegie Mellon University; Valentina Vavasis Consulting

THURSDAY
11:30 – 01:30
KINGSLEY
ASSOCIATION

LUNCH AND PANEL DISCUSSION: TEACHING COMMUNITY ENGAGEMENT
Moderator: Karen Kubey, Pratt Institute; Editor, 'Housing as Intervention: Architecture towards Social Equity' (Architectural Design)

WORKSHOP FEE: $160 (ONSITE)

THURSDAY

09:00 AM	Workshops
02:00 PM	Sessions
03:30 PM	Break
04:00 PM	Sessions
06:00 PM	Open Roundtable
07:00 PM	Reception

Welcome to Pittsburgh! We are excited to host you for the 107th Annual Meeting of the Association of Collegiate Schools of Architecture, BLACK BOX: Articulating Architecture's Core in the Post-Digital Era. The driving questions for this conference are: Has this unprecedented proliferation and migration distanced architecture from its disciplinary core or helped to transform and reinstate it? And what impact do these radical transformations in architecture's cultural production have on the discipline?

WIFI INFORMATION:

USERNAME: WESTIN_CONFERENCE
PASSWORD: ACSA19

WWW.ACSA-ARCH.ORG/107

ON INSTAGRAM **@ACSAUPDATE**
FOLLOW THE HASHTAG **#ACSA107**

WORKSHOP

09:00 – 12:00	**ACCREDITATION CHANGES WORKSHOP**
BUTLER	With the NAAB Accreditation Review Forum (AR Forum) coming in the summer of 2019, ACSA would like to continue the discussion of accreditation. Join ACSA representatives to the NAAB AR Forum along with board members in small-group discussions about the existing NAAB conditions and procedures for accreditation. We will use these discussions to work on a systematic review of ways to strengthen and streamline the accreditation process for schools.

Rebecca O'Neal Dagg, Auburn University
Bruce Lindsey, Washington University in St. Louis
Michaele Lea Pride, University New Mexico
Kevin Flynn, NAAB
Helene Combs Dreiling, NAAB

WORKSHOP FEE: INCLUDED WITH FULL REGISTRATION

━━━━
WORKSHOP

DEFINING YOUR RESEARCH WORKSHOP
Hosted by Technology | Architecture + Design Journal (TAD)
As stewards of the built environment, architects provide leadership in the advancement of social, environmental, and technical knowledge. They use this knowledge to deliver innovative designs leading to safe, environmentally-conscious, and livable buildings. Architectural educators, academics, and practitioners are uniquely positioned to contribute to the advancement of these vital areas through original research.

Defining Your Research guides participants through the new knowledge development process and how, or in which modes, investigations translate into research. Designed for tenure-track faculty, particularly those in the early stages of the tenure process, this interactive workshop will be beneficial to those seeking to strengthen or refresh their research and peer-review publication skills. The workshop will include presentations, small group discussions, and hand-on work sessions. A range of research processes will be presented, and the workshop format will allow participants to both apply these concepts into their own research argument and discuss strategies with others. Editors for *Technology | Architecture + Design* and the *Journal of Architectural Education* will lead the workshop and facilitate the exercises.

During the research workshop, participants:
  - formulate research questions
  - understand the inter/disciplinary contexts in which these questions/queries operate
  - identify appropriate research methodologies
  - examine means for evidence collection
  - discuss how to evaluate findings
  - and strategize to communicate these findings

This research framework review will relate modes of creative/innovative inquiries from a broad range of disciplines including design, engineering, and physical and social sciences. The workshop will conclude with a discussion of published research and architectural publishing.

Chad Kraus, TAD Associate Editor, University of Kansas
Marc J. Neveu, JAE Executive Editor, Arizona State University
Marci Uihlein, TAD Executive Editor, University of Illinois at Urbana-Champaign
Andrzej Zarzycki, TAD Editorial Board, New Jersey Institute of Technology
Emma Sanders, Managing Editor III, Taylor & Francis

WORKSHOP FEE: $160 (ONSITE) + LUNCH INCLUDED

09:00 – 02:00
FAYETTE

02:00 – 03:30
CAMBRIA EAST

Peer-Reviewed
Session

THE PLANETARY AND THE QUOTIDIAN
Moderator: Neyran Turan, University of California, Berkeley

This session aims to collide architecture's imagination of its own familiar interior and of its planetary outside in an attempt to provoke new ways to think about their mutual interaction. What questions of representation, materiality, and media would be relevant for such unexpected collisions? The main premise of the session is to investigate alternative forms of environmental imagination within architecture through a renewed focus on questions of architectural specificity.

Careful Crates: The Materialization of Data
Laida Aguirre, University of Michigan

Multi-Modal Mingling: Queering BIM through Transportation Hub Design and Networks
Danelle Briscoe, University of Texas at Austin

Dirty Business
Jean Jaminet, Kent State University
Joshua Myers, Kent State University

02:00 – 03:30
CAMBRIA WEST

Peer-Reviewed
Session

ARCHITECTURE OF ATTUNEMENT AND PLANETARY ECOLOGY 1
Moderator: Dana Cupkova, Carnegie Mellon University

The ambition of this panel is to examine architectures that inquire into energy and matter as a primary inspiration, while re-examining the role of context as a descriptive force. Performative models for design have now exhausted their breath and fidelity largely by reducing context to a fixed information set, queried through measured simulation sets in a singular moment in time and space. Promoting a shift away from the data-driven rationales of performative models the desire of this panel is to tap into architectural sensorial subjectivity as part of the aesthetic and ecological experience.

The Microcosm on a Page: Attunement, Architecture, and the Naturgemälde
Matthew Huber, Carnegie Mellon University

Between Birds and Humans: The Design of the Encounter
Giovanni Bellotti, Studio Ossidiana

Atmospheric | Metabolic : Subsistence in the Antarctic
Ellen Garrett, City College of New York

Flying Gardens: A Robotic Architectural Proposal for a Sessional Garden
Ebrahim Poustinchi, Kent State University
Katelyn Hannigan, Kent State University
Jessica Schultz, Kent State University

DEDUCTIVE, INDUCTIVE… ADAPTIVE METHODS IN ARCHITECTURAL DESIGN
Moderators: Chandler Ahrens, Washington University in St. Louis,
Aaron Sprecher, Technion Israel Institute of Technology

How do you structure a design process in our contemporary informed environment? We often distinguish between deductive and inductive modes of research in architecture. Whereas the deductive process evolves from theoretical principles and the inductive method promotes an empirical approach, we propose a third model that combines both approaches: An adaptive model of design thinking. This session explores the criteria for pedagogical models capable of promoting adaptive modes of architectural investigations, models that expresses a synergy between determinism and intuitionism.

Open System Design Strategies: Towards a More Inclusive Architecture
Almudena Ribot, Pennsylvania State University

Beginning Design Beyond Formalism
Andrew Tripp, Mississippi State University

Object-Field: An Adaptive Interplay Between Autonomy and Contingency
Samuel Bernier-Lavigne, Université Laval

IMAGING ARCHITECTURE
Moderator: Cyrus Penarroyo, University of Michigan

The papers in this session explore the materiality of images and consider how profound shifts in media and digital culture are changing architecture's appearance in the world. The authors cover a broad range of topics, from how images are physically constructed to how architecture is digitally circulated. Each paper critically engages contemporary technologies and techniques to expand the discipline's long history of thinking about image. How does a world-making medium like architecture grapple with a world increasingly made of images?

Seeing Double: Decoys and Depictions
Constance Vale, Washington University in St. Louis

We Are All Romantics, and That is Fine
Kevin Hirth, University of Colorado Denver

What Can Windows learn from Pictures?
Jonathan Louie, Syracuse University

Personal Space
Farzin Lotfi-Jam, The Cooper Union
Jaffer Kolb, Parsons The New School for Design
Caitlin Blanchfield, Columbia University

02:00 - 03:30
WESTMORELAND
WEST

Peer-Reviewed
Session

AFTER THE FLOW - ARCHITECTURAL URBANISM(S) IN THE POST-DIGITAL ERA 1
Moderator: Martin Haettasch, University of Texas at Austin

This session proposes to interrogate possible relationships between architecture and urbanism beyond the digital paradigm's focus on networks, informality, "softness," and parametric strategies that have come to dominate discourse in recent decades. The tentative framework of "architectural urbanism(s)" seeks to collect and disseminate strategies, projects, and research that address the question of architecture's agency in the city from within the discipline, mining architecture's core concerns and competencies such as form, type, or representation for unanticipated ways of engaging the city.

Homes Without Quality
Brittany Utting, University of Michigan

Four Idioms, One Home
Andrew Colopy, Rice University

Shaped Places of Carroll County New Hampshire
Cyrus Penarroyo, University of Michigan
McLain Clutter, University of Michigan

02:00 - 03:30
WESTMORELAND
EAST

Peer-Reviewed
Session

THESIS OR MOONSHOT? BREAKING THE TRADITIONAL PORTFOLIO TO PRACTICE PIPELINE
Moderator: Matthew Claudel + Anthony P. Vanky, Massachusetts Institute of Technology

For many, the portfolio is a rite of passage. But some notable figures in architecture – Johnson, Safdie and Heatherwick among them – have short-circuited the traditional path to practice. With some mixture of luck and skill and tenacity, they "hacked" architectural pedagogy, proving that education can be a crucible of applied, tangible practice. These figures remain an exception, today – yet a rising tide of entrepreneurship centers, digital manufacturing and venture resources promise to change that. This session examines how programs have engaged the path to practice (and blurred the boundary between them).

Agency and Immersion: Design Build, Social Innovation & Social Entrepreneurship
Kenneth Schwartz, Tulane University
Byron Mouton, Tulane University

Design Studio: The Case for Social Entrepreneurship
Nilou Vakil, University of Kansas

Complexity, Interdisciplinarity, and the Real World: Meaningful Collaboration in a Seminar Setting
Traci Rose Rider, North Carolina State University

DESIGNING PEDAGOGIES: FUTURING NEW ACSA PROGRAMS AND PROJECTS
Moderator: Francis E. Lyn, Florida Atlantic University

In response to the increasing desire for programs surrounding teaching and learning, ACSA's Education Committee will share research on relevant scholarship about architectural pedagogy. Has research displaced pedagogy in our thinking as educators? Should curriculum development be a greater focus? Do new faculty require more mentoring programs? This interactive session will engage participants in activities focused on future ACSA programs that might augment the scholarship of teaching and learning in architectural education.

Charlie Setterfield, Sinclair Community College
Alexis Gregory, Mississippi State University
Lynne Dearborn, University of Illinois, Urbana-Champaign
Ikhlas Sabouni, Prairie View A&M University
Peter Laurence, Clemson University

+ COFFEE BREAK
Open to all registered conference attendees.

DRAWING ATTENTION
Moderators: Carl Lostritto, Rhode Island School of Design
James Tate, Texas A&M University

How do you introduce, provoke, evaluate, and foster a culture of drawing? In recent decades, how we work has been continuously transforming. In parallel, the values we overlay onto and glean from digital media have been in flux. Even the most historically sensitive conceptions of drawing must recognize that its disciplinary position and definition are vague at best. This session invites participants to address drawing as object to scaffold, trigger, or organize experimental research or creative practice.

Arc182: Drafting and Drawing
Jonathan Louie, Syracuse University

The Double or, an Architecture of Estrangement
Francesco Marullo, University of Illinois at Chicago

Visceral Data - Observations of Point Clouds
Leslie Forehand, Iowa State University

Strange Attractors and Wonderful Automatons
Carolina Dayer, Aarhus School of Architecture

4:00 -5:30
CAMBRIA WEST

Peer-Reviewed
Session

ARCHITECTURE OF ATTUNEMENT AND PLANETARY ECOLOGY 2
Moderator: Dana Cupkova,Carnegie Mellon University

The ambition of this panel is to examine architectures that inquire into energy and matter as a primary inspiration, while re-examining the role of context as a descriptive force. Performative models for design have now exhausted their breath and fidelity largely by reducing context to a fixed information set, queried through measured simulation sets in a singular moment in time and space. Promoting a shift away from the data-driven rationales of performative models the desire of this panel is to tap into architectural sensorial subjectivity as part of the aesthetic and ecological experience.

Choreographing Attunements among Intelligent Agents
Bradley Cantrell, University of Virginia
Zihao Zhang, University of Virginia

Expressive Superorganisms
Marantha Dawkins, Carnegie Mellon University

Geo-Actors
Cathryn Dwyre, Pratt Institute

04:00 - 05:30
FAYETTE

Peer-Reviewed
Session

WHAT'S THE MATTER WITH CLIMATE CHANGE?
Moderator: Rania Ghosn, Massachusetts Institute of Technology

Climate change demands transformations in the ways we imagine, care for and design the Earth. The panel explores the ways in which architecture reveals and reacts to such exigencies: how it is conceptualized, imagined, spatialized, critiqued, projected, and made actionable to the discipline and to broader publics. The papers explore design as both a tool of research and the evidence matter–historic reconstruction, speculative narrative, or material assemblies–to propose forms of life on a transformed planet.

Pipes, Levers, Walls, Rocks and Water: The Architecture of Niagara Falls
Jessica Colangelo, University of Arkansas

Tales of the Anthropocene: A Spatial Narrative of the Environment
Julie Larsen, Syracuse University

Desert Densities - Sensing Atmospheric and Territorial Shifts in High-Density Desert Cities
Ersela Kripa, Texas Tech University

Afronautics
DK Osseo-Asare, Pennsylvania State University
Yasmine Abbas, Pennsylvania State University

Fire in the Landscape: Maintaining the Sublime in the American Wild
Marisha Farnsworth, San Jose State University

BEING VERSUS BECOMING THE CORE OF ARCHITECTURE
Moderators: David Fannon + Michelle Laboy + Peter H. Wiederspahn
Northeastern University

The projects and papers in this session describe architectural projects effort to interrogate issues of being and becoming from theoretical, practical, or instructional directions. The session brings together speculative, future-looking projects; projects that consider of the temporal aspects of the design process, and critical evaluations of historic projects with ambitions to enable future change.

Avis + Elsmere, Time as a Design Tool for Community
Tadd Heidgerken, University of Detroit Mercy
Ceara O'Leary, University of Detroit Mercy

Permanent? Ageless? A Case Study of the Pulitzer Arts Foundation in St. Louis
Liane Hancock, Louisiana Tech University

Flexibility and its Discontents: Colquhoun's Critique of the Pompidou Center
Jonathan Ochshorn, Cornell University

AFTER THE FLOW - ARCHITECTURAL URBANISM(S) IN THE POST-DIGITAL ERA 2
Moderator: Martin Haettasch, University of Texas at Austin

This session proposes to interrogate possible relationships between architecture and urbanism beyond the digital paradigm's focus on networks, informality, "softness," and parametric strategies that have come to dominate discourse in recent decades. The tentative framework of "architectural urbanism(s)" seeks to collect and disseminate strategies, projects, and research that address the question of architecture's agency in the city from within the discipline, mining architecture's core concerns and competencies such a form, type, or representation for unanticipated ways of engaging the city.

Examining "Order in Disorder": A Speculation into Space, Time & The Human Subject, in Context of Urban Villages in Delhi
Sourav Banerjea, Ansal University
Abu Talha Farooqi, Ansal University

Erasures, Transgressions, and Demarcations: Site Tactics for the Post-Internet City
Zachary Tate Porter, University of Nebraska-Lincoln

Movement Parasite: Parking Management through Legislation and Objects
Masha Hupalo, Aarhus School of Architecture

Being There: International Studio Pedagogy in the Post-Digital City
Igor Siddiqui, University of Texas at Austin

04:00 - 05:30
WESTMORELAND
CENTRAL

Peer-Reviewed
Session

DESIGN-BUILD: PEDAGOGY, PRACTICE, PRODUCTION
Moderators: Thomas Gardner, Maryland Institute College of Art
Desmond Delanty, China Academy of Art

No matter how its boundaries are re-defined, architecture still provides shelter, erects structures, organizes movement as well as ideas, stimulates perception and engages culture. Yet, how do we proceed? As architects, what are we supposed to do? This session looks at design-build not as ad-hocism or unmediated practice, but as a typology of study, a research agenda where practice takes on public, community-based or collaborative form, and the work is understood as open and incomplete, contingent and worldly.

Acupuncture Urbanism
Stefan Gruber, Carnegie Mellon University

Pisces
Thomas Deal, Louisiana Tech University
Robert Brooks, Louisiana Tech University

Plywood Toys
Mo Zell, University of Wisconsin-Milwaukee
Marc Roehrle, University of Wisconsin-Milwaukee

1000X
Christopher Meyer, University of Miami

Design-Build: A Real-World Experimental Pedagogy for Architectural Education
Hongxi Yin, Washington University in St. Louis
Baoyue Wang, Washington University in St. Louis
Jian Zhu, Washington University in St. Louis

Six Projects on Accessory Dwelling
Andrew Colopy, Rice University
Danny Samuels, Rice University

EQUITY IN PRACTICE: CREATING DIVERSE, INCLUSIVE & EQUITABLE WORKPLACES

Achieving equity is and has been a daunting issue in architectural practice for decades. In November 2018, the AIA released the first three of nine Guides for Equitable Practice. The guides are one part of the AIA's commitment to overcome inequities and advance the profession through more diverse, inclusive and equitable workplaces. Researchers at the University of Minnesota and the University of Washington designed the guides to provide actionable steps and other tools to help organizations identify and address a variety of employment and personnel issues aroundequity, diversity, and inclusion, based on relevant research and analysis.

Join us for this discussion with those directly involved in the project as they share the results and explore the moral, business, and professional case for increasing diversity within the profession. We will focus on the topics included in the first guide: intercultural competence, workplace culture and compensation.

Subsequent guides due later this year will address recruitment and retention, negotiation, career progression, community engagement, and assessment. Don't miss this opportunity to learn more about this important issue and take action in your organization so that students and faculty can support, participate in and lead future equitable practice!

Renee Cheng, University of Washington
William Bates, President, AIA National
Emily Grandstaff-Rice, AIA Equity and Future of Architecture Committee

DPACSA MEETING (PRIVATE)

The College of Distinguished Professors, founded in 2010, is composed of members of the Associations who are awarded the ACSA/AIA Topaz Medal Laureate and/or the ACSA Distinguished Professor Award. College membership is one of the highest honors the ACSA can bestow upon an educator.

Chancellor: Carmina Sanchez-del-Valle, Hampton University
Vice Chancellor: Christine Theodoropoulos, California Polytechnic State University
Secretary: Francisco J. Rodriguez-Suarez, Universidad de Puerto Rico
Past Chancellor: William J. Carpenter, Kennesaw State University

+ COFFEE BREAK
Open to all registered conference attendees.

06:00 - 07:30
ALLEGHENY
BALLROOM

Third Floor

OPENING ROUNDTABLE PLENARY

The opening plenary will include the speakers in conversation with the conference co-chairs, Professors Jeremy Ficca, Amy Kulper & Grace La.

Peggy Deamer is the founding member and the Content Coordinator of the Architecture Lobby, a group advocating for the value of architectural design and labor. She is a retired Professor of Architecture at Yale University and principal in the firm of Deamer, Architects and before that, Deamer + Phillips, Architects. She received a BA from Oberlin in philosophy, a BArch from The Cooper Union and a Ph.D from Princeton University. She is the editor of Architecture and Capitalism: 1845 to the Present and The Architect as Worker: Immaterial Labor, the Creative Class, and the Politics of Design. She is co-editor of Building in the Future: Recasting Architectural Labor; BIM in Academia; and Re-Reading Perspecta. Articles by her have appeared in Log, Harvard Design Magazine, e-Flux, The Avery Review and numerous anthologies.

Antoine Picon is the G. Ware Travelstead Professor of the History of Architecture and Technology and Director of Research at the GSD. Trained as an engineer, architect, and historian, Picon works on the history of architectural and urban technologies from the eighteenth century to the present. He has published extensively on this subject. He is amongst others the author of French Architects and Engineers in the Age of Enlightenment(1988, English translation 1992), Claude Perrault(1613-1688) (1988), L'Invention de L'ingénieur moderne (1992), La Ville territoire des cyborgs(1998), Les Saint-Simoniens (2002), Digital Culture in Architectur(2010), Ornament: The Politics of Architecture and Subjectivity(2013), and Smart Cities: A Spatialised Intelligence(2015). He hasedited many other volumes, in particular L'Art de l'Ingénieur(1997), and La Ville et la Guerre(1998).
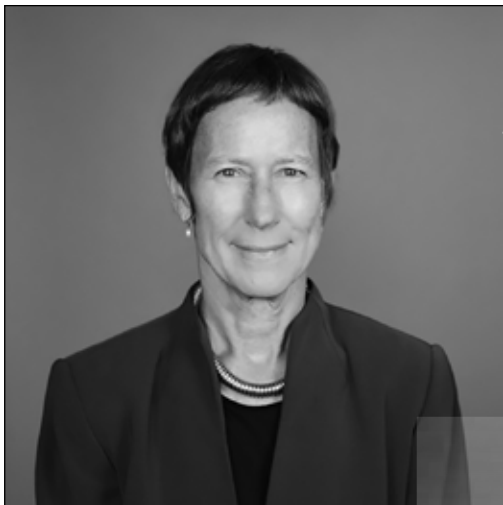
07:30 - 08:30
3RD FL. LOBBY

OPENING RECEPTION
Drinks provided.
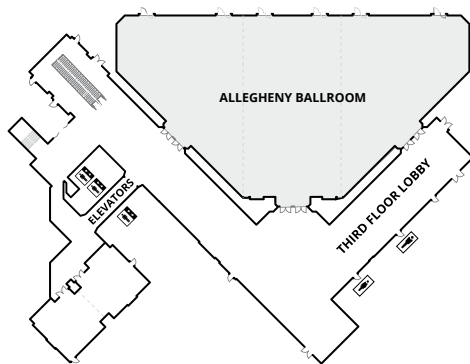
ALLEGHENY BALLROOM

ELEVATORS

THIRD FLOOR LOBBY

PEGGY DEAMER

ANTOINE PICON

FRIDAY

09:00 AM	Regional Caucuses
10:00 AM	Break
10:30 AM	Sessions
12:00 PM	Lunch (on your own)
02:00 PM	Sessions
04:00 PM	Business Meeting
05:30 PM	Awards Reception
06:30 PM	Toshiko Mori

+ BREAKFAST
Open to all registered conference attendees.

08:30 – 09:00
2ND FL. LOBBY

REGIONAL CAUCUSES
All are invited to join your region for discussions on architecture education.

09:00 - 10:00
SECOND FLOOR

Northeast
Butler

East Central
Cambria East

West
Westmoreland West

Mid-Atlantic
Cambria West

West Central
Westmoreland Central

Canada
Fayette

Gulf
Westmoreland East

+ COFFEE BREAK
Open to all registered conference attendees.

10:00 – 10:30
2ND FL. LOBBY

CLIMATE, ENVIRONMENT, AND CONTROL: CHALLENGING NARRATIVES AND NORMS
Moderators: Margot Lystra, Cornell University
Erin Putalik, University of Pennsylvania

10:30 - 12:00
CAMBRIA EAST

Peer-Reviewed
Session

The scale and stochasticity of climate change upend conventional architectural delineations of responsibility and expertise. How can architectural production and pedagogy address environmental issues that transcend familiar disciplinary boundaries? The authors in this session critique existing systems for defining and controlling living systems, and point towards new ways that architects might engage environmental phenomena in light of climatological complexity. These works propose productive disruptions of familiar definitions, towards responding to global warming and the new natures emerging in its stead.

Museum for the Histories of Nature: Toward an Anamorphic Architecture
Ross Adams, Iowa State University

Listening to the Black Box: Failure in Post-Disaster House Design
Irene Brisson, University of Michigan

Urban Activist
Christopher Meyer, University of Miami
Shawna Meyer, University of Miami

Designing for Denial: Private Property on Dauphin Island
Maggie Tsang, Harvard University
Isaac Stein, Harvard University

10:30 - 12:00
CAMBRIA WEST

Peer-Reviewed
Session

DRAW(IN)G TO A (W)HOLE 1
Moderator: Nathan Hume, University of Pennsylvania

The same pixels which form today's photos, videos, and graphics also construct all those pastel isometrics. This overlap is apparent in the ways photos, drawings, and videos coexist on the same platforms of virtual dissemination and consumption, a condition which seems to be giving drawings an audience as large as ever. The current reappraisal of representation and absorption of new tools into the field present a ripe moment for questioning drawing and its role at the core of architecture.

A Drawing Forged in Two and Three Dimensions
Carrie Norman, Tulane University

Paradigms in the Poché
Michael Young, The Cooper Union

Drawing a Panoramic Imaginary
Daniele Profeta, Syracuse University

10:30 - 12:00
WESTMORELAND
WEST

Peer-Reviewed
Session

BLACK BOX, WHITE CUBE: EXHIBITING ARCHITECTURE IN THEORY AND PRACTICE
Moderators: Phillip Denny, Harvard University
Christina Shivers, Harvard University
Respondent: Dora Epstein Jones, Academy of Art University

The exhibition is an important discursive vehicle. While buildings are slow and expensive to build, exhibitions are fast, cheap, and temporary. Today, exhibitions are a fast-growing area of involvement for architects. Biennials, triennials, fairs, exhibitions, installations, and pavilions are all formats that present architecture to public audiences, and they are often designed or curated by architects. This session, "Black Box, White Cube: Exhibiting Architecture in Theory and Practice," will consider the theoretical, practical, and historical dimensions of exhibition culture as it intersects with architecture.

Exhibition & Pedagogy Probing Architecture's Virtual Past in Museum Plaster Cast Collections
Joshua Bard, Carnegie Mellon University
Francesca Torello, Carnegie Mellon University

You Can Glue It. We Can Help.
Erin Besler, Princeton University

The-Post-Exhibit
Laida Aguirre, University of Michigan

Exhibitions at Home: Finding a Domestic Urbanism in Three Shows
Jaffer Kolb, Parsons The New School for Design
Ivi Diamantopoulou, Sarah Lawrence College

SEA CREATURES MAKE AN UNDERWATER FACE; OR AN ALTERNATIVE DISCIPLINARY COHERENCE

Moderator: Clark Thenhaus, California College of the Arts
Respondents: Jessica Colangelo, University of Arkansas
                Sarah Deyong, University of Nebraska-Lincoln

This session examines the underscores of today's pluralism. What are shared underpinnings of today's architectural speciation? What are the essential disciplinary merits that affiliate individual projects with a possible 'whole'? What are the requisite agreements for enfolding new terminology into today's expanding lexicon? Rather than continue the legacy of division, this session considers today's plurality as a coherent collage. This is not the case of falsifying commonalities, nor is it a playground request that we all play nice in the architectural sandbox. It is an open invitation to consider what makes us, as architects and educators, capable of shaping new understandings of how our contemporary medley of work might construct, or be already constructing, value propositions for today's plurality.

"Having Just Broken the Water Pitcher": Architecture, Fabrication and the Public Realm
Paul Holmquist, Louisiana State University

A Desire to Invent New Mediums (A Hatred of Boredom)
Kyle Miller, Syracuse University

New! Post: Two Sets of Four Brick Buildings
Kevin Hirth, University of Colorado Denver

CONTINUING EDUCATION

Visit the following website:
www.acsa-arch.org/107CES

Deadline: April 14

10:30 -12:00
WESTMORELAND EAST

Peer-Reviewed
Session

COMPETITIONS 1
Moderator: Ane Gonzalez Lara, Pratt Institute

While some argue that the format of open architecture competitions promotes a form of free labor, others think that competitions are a legitimate way to push the boundaries of architecture. This session will deal with the characteristics of open architecture competitions and their benefits and/or disadvantages for the profession. The participants of the discussion will illustrate their opinions using different entries to open architecture competitions as case studies.

Architectural Competitions. Architecture as Essay
Ines Martin Robles, University of Virginia
Luis Pancorbo, University of Virginia

(Re) Stitch Tampa Designing the Design Competition The Architectural Design Competition as a Research Platform and Pedagogical Tool
Shannon Bassett, Laurentian University

Competitions in a Networked Society: Crowdsourcing Collective Design Intelligence
Imdat As, University of Hartford

10:30 - 12:00
BUTLER

Special Focus
Session

CAREER JOURNEYS IN ARCHITECTURAL EDUCATION: DISTINGUISHED PROFESSORS UNFOLD A BLACK BOX
Moderator: Carmina Sanchez-del-Valle, Hampton University

The ACSA College of Distinguished Professors invites new faculty, faculty mentors, faculty changing career directions, and colleagues to take part in a conversation that unfolds career journeys of architecture educators to reveal how they shape and are shaped by change in architecture as a discipline and architectural education as a practice.

A panel of 2019 ACSA Distinguished Professors will reflect on the changes that influenced their careers and lead a participant-driven dialog that posits how change will influence careers in the future.

Thomas Barrie, North Carolina State University
Thomas Fisher, University of Minnesota
Andres Mignucci, Universidad de Puerto Rico
Patricia Belton Oliver, University of Houston
Stephen D. Schreiber, University of Massachusetts, Amherst

CURRENT RESEARCH IN THE TAD JOURNAL: AUTHOR PANEL

This session features presentations by authors recently published in Technology | Architecture + Design in the themed issues of Measured and Urbanizing. Topics include assemblies testing, design-build, post-occupancy evaluations, mixed reality in urban contexts, and morphogenic spatial analyses. Technology | Architecture + Design is a peer-reviewed international journal dedicated to the advancement of research in the field of building technology with a focus on the impact, translation, and integration of technology in architecture and design. Session attendees will hear how these authors merge technology and design in their research.

Post-Occupancy Testing of Thermal Dynamics of Design-Build Residences in Tucson, Arizona
Mary Hardin, University of Arizona

Experiments Toward Hyper-Local Reverse Heat Flow Assemblies
Geoff Thün & Kathy Velikov, University of Michigan

Morphogenic Spatial Analysis: A Novel Approach for Visualizing Volumetric Urban Conditions and Generating Analytical Morphology
Marshall Prado, University of Tennessee-Knoxville

Mixed Reality Visualizations of Urban Data
Amber Bartosh, Syracuse University

10:30 -12:00
FAYETTE

Special Focus Session

HISTORIC PRESERVATION AND NAAB SPC'S
Moderator: Stephen Vogel, University of Detroit Mercy

A panel of 3 to 5 architects/educators will present and discuss how historic preservation
courses might address specific NAAB Student Performance Criteria. Case studies will be presented from historic preservation studio courses, lecture courses and seminar courses found at architecture schools that either presently are used to meet SPC's or have the potential to meet them.

Jonathan Spodek, Ball State University
Andrew Johnston, University of Virginia
Wendy Hillis, Tulane University

10:30 -12:00
SOMERSET WEST

Special Focus Session

+ LUNCH
On your own. See page 52 for a list of restaurants.

12:00 - 02:00
PITTSBURGH

02:00 - 03:30
WESTMORELAND
WEST

Peer-Reviewed
Session

DELIRIOUS DATA
Moderator: McLain Clutter, University of Michigan

This session seeks papers and projects that articulate alternative trajectories for data in architecture and urbanism – novel approaches to our present data-density that might reformat present disciplinary discourse. The session is less interested in how to make architecture with algorithms that in how to make architecture in a contexts where algorithms make everything

We're All Counterinsurgents Now
Britt Eversole, Syracuse University

Office-Party
Brittany Utting, University of Michigan
Daniel Jacobs, University of Michigan

Pattern, Noise, Figure, Ground: Context and the Representation of the Auditory Object
Rebecca Smith, University of Michigan

Neo-MDF: Material Data Form
Oliver Popadich, University of Michigan

On the Data Blasé, Statistical Imaginaries, and the Cashier-less Bodega
Mark Shepard, University At Buffalo, SUNY

02:00 - 03:30
CAMBRIA EAST

Peer-Reviewed
Session

DISCIPLINARY FAILURES: ERRORS AND OMISSIONS AS ALTERNATIVE TRAJECTORIES
Moderator: Jacqueline Shaw, Rhode Island School of Design

The authors in this session address a simple observation about our discipline: We have recurring blind spots when it comes to a host of narratives, research agendas, sites, objects, and actors. Papers productively leverage these lacunae in order to delve deeply into unexpected topics – craft, race and activism, and the expertise of flight. Collectively, these works propose alternative trajectories in which architecture might simultaneously apprehend and transcend its disciplinary boundaries.

Intolerance: Craft in the Age of Digital Perfection Embodied Histories of Craft
Edward Ford, Architect

Learning from Aviation. Learning from Architecture. Or Cockpits and Hospitals Psychologically Considered, from Arnheim to Barshi
Joy Knoblauch, University of Michigan

Urban Typography as Artifacts: Activating Collective Memory in Dhaka City
Muhammad Nafisur Rahman, University of Cincinnati

Dissent and Racial Equity in the Work and Institutions of Architects
Shawhin Roudbari, University of Colorado Boulder

DRAW(IN)G TO A (W)HOLE 2
Moderator: Nathan Hume, University of Pennsylvania

The same pixels which form today's photos, videos, and graphics also construct all those pastel isometrics. This overlap is apparent in the ways photos, drawings, and videos coexist on the same platforms of virtual dissemination and consumption, a condition which seems to be giving drawings an audience as large as ever. The current reappraisal of representation and absorption of new tools into the field present a ripe moment for questioning drawing and its role at the core of architecture

Marble ~ish
Maya Alam, Syracuse University

Architectural Drawing and Physical Computing: From Points and Projections to Sensors and Data
Frank Melendez, City College of New York

Disciplined Objects
Michael Jefferson, University of Michigan

Generative Design Computing
Erik Herrmann, The Ohio State University

HISTORY & PRECEDENT IN THE DESIGN PROCESS
Moderator: Kai Gutschow, Carnegie Mellon University

This panel collects a series of case studies about the changing role that history and precedents take in the design process. Each challenges established methods and provokes new, more nuanced and layered ways that history and analysis of existing work can be pulled into design, especially using the newest computation and fabrication tools. In a world obsessed with change and novelty, we seek to explore how reflection on the past can inspire new ways of working for both historians and designers.

Negating the Column of Trajan: Karl Friedrich Schinkel's Unorthodox Contribution to Precedent-Based Design
Steven Lauritano, University of Michigan

Reading Design Process: A Diagrammatic Approach to Teaching Architectural History
Gabriela Izar, UniCeub

Unpacking | A Study in the Generation of Louis Sullivan's Ornament
Nicholas Ault, Sodium Design

Unearthing Concealed Histories as Alternative Design Methodologies: A Provocation in Favor of a Redefined Role for History and Precedent
Iván-Nicholas Cisneros, Princeton University

Baroque Rome as Algorithm: Coding History
Francesco Bedeschi, University of Arkansas
Laura Terry, University of Arkansas
Winifred Newman, University of Arkansas

02:00 - 03:30
WESTMORELAND
CENTRAL

Peer-Reviewed
Session

SEARCH | RESEARCH | REPEAT
Moderators: George Dodds, University of Tennessee-Knoxville
Kathryn Holliday, University of Texas at Arlington

Much of the research in schools of architecture occurs in design studios as case studies that focus on the exception rather than the rule. This creates a double bind – the production of students and professionals, ill-equipped to conduct meaningful independent research and a body of professionals for whom the unconventional is convention. The authors here propose ways of refocusing the attention of our research on equity, the everyday, the local, and the ordinary in ways that let us reconnect technology and practice with the diverse audiences they serve.

Dull Professional Data from Ordinary Precedents
Federico Garcia Lammers, South Dakota State University

Searching for Denise: On "Deferred Judgment" After Fifty Years
Andreea Mihalache, Clemson University

Diversity and Equity Issues in Design: Course Creation as Impetus for Compassionate and Inclusive Design
Kiwana McClung, University of Louisiana - Lafayette

Designing for People, not for Man: The Recurring Role of Social Science in Architectural Discourse and Practice
Julia Grinkrug, Academy of Arts University
Hans Sagan, Academy of Art University

02:00 - 03:30
WESTMORELAND
EAST

Peer-Reviewed
Session

COMPETITIONS 2
Moderator: Ane Gonzalez Lara, Pratt Institute

While some argue that the format of open architecture competitions promotes a form of free labor, others think that competitions are a legitimate way to push the boundaries of architecture. This session will deal with the characteristics of open architecture competitions and their benefits and/or disadvantages for the profession. The participants of the discussion will illustrate their opinions using different entries to open architecture competitions as case studies.

City Thread
Molly Hunker, Syracuse University
Gregory Corso, Syracuse University

Architecture is Competition
Brian Strawn, University of Hawaii At Manoa
Karla Sierralta, University of Hawaii At Manoa

The Expanded School Centre for Special Education. Madrid, Spain Invited Competition. First Prize. 2016
Marcos Parga, Syracuse University

RAISING OUR SIGHTS: EXPANDING THE PROFESSIONAL PRACTICE CURRICULUM

Learn about an ongoing effort to develop a library of digital units and lessons to augment existing professional practice pedagogies. The speakers will provide an overview of progress to date to develop short lessons taught by industry and academic experts. The aim is to provide a flexible, customizable, online platform accessible to faculty and students that can elevate the quality and magnitude of professional practice subjects covered in architecture schools. There will also be opportunity for feedback and discussion about professional practice education.

Beth Lundell Garver, Boston Architectural College
Renée Cheng, University of Washington

MATERIAL DISRUPTION (BTES)
Moderator: Ulrich Dangel, The University of Texas at Austin

Over the last thirty years, new technologies have emerged that have had a significant impact on the way we design and build. Materials have been engineered to do more, prefabrication has shifted production offsite, and digital tools are enabling increased complexity of form and geometry. How are these forces influencing, informing, and disrupting architecture? This panel brings together various experts for a lively discussion about materials and technology and their influence on the future of architectural practice, construction, and education.

Erin Carraher, The University of Utah
Jeremy Ficca, Carnegie Mellon University
Roger Hubeli, Syracuse University
Ivan Rupnik, Northeastern University

+ COFFEE BREAK
Open to all registered conference attendees.

ACSA BUSINESS MEETING
President: Branko Kolarevic, University of Calgary

All conference attendees welcome to attend and hear about the latest news from ACSA and related organizations.

05:00
3RD FL. LOBBY

AWARDS RECEPTION

Conference registrants are invited to toast to the 2019 Architecture Education Award Winners.

06:30
ALLEGHENY
BALLROOM

Third Floor

AWARDS & TOPAZ MEDALLION: TOSHIKO MORI

The American Institute of Architects and the Association of Collegiate Schools of Architecture have named Toshiko Mori, FAIA, the 2019 winner of the AIA/ACSA Topaz Medallion for Excellence in Architectural Education, the highest honor given to educators in architecture.

Toshiko Mori Architect (TMA) is known for over thirty years of innovative and influential work in a diverse body of projects that have received numerous design awards. TMA's intelligent approach to ecologically sensitive siting strategies, historical context, and innovative use of materials reflects a creative integration of design and technology. Her designs demonstrate a thoughtful sensitivity to detail and involve extensive research into the site conditions and surrounding context. The work of TMA combines a strong conceptual and theoretical approach with a thorough study of programmatic needs and practical conditions to achieve a design that is both spatially compelling and pragmatically responsive.

Toshiko Mori Architect has worked on a broad range of programs including urban, civic, institutional, cultural, residential, museum and exhibition design. Recent work includes New York City theater, library, and museum projects, the Hudson Yard Park and Boulevard, and the Center for Maine Contemporary Art in Rockland, Maine. The firm has also designed institutional projects for Brown University and Syracuse University, and was included on the design team for New York University's strategic master plan. TMA was recently chosen as the architect for the Watson Institute for International & Public Affairs at Brown University.

TOSHIKO
MK COMPOI

SATURDAY

09:00 AM	Sessions
10:30 AM	Break
11:00 AM	Sessions
12:30 PM	Lunch (on your own)
02:30 PM	Sessions
05:00 PM	Wang Shu + Lu Wenyu
06:00 PM	Exhibit Opening + Closing Reception

☕

COFFEE

Starbucks
Note: there is a Starbucks in the hotel and it is open from 6a-4p.

Crazy Mocha (4.3*) 6a-6p
6 min walk (0.3 miles)
801 Liberty Ave, Pittsburgh, PA 15222

21st Street Coffee and Tea (4.3*) 7a-4:30p
10 min walk (0.5 miles)
225 Fifth Ave, Pittsburgh, PA 15222

La Prima Espresso Company (4.8*) 6a-5p
17 min walk (0.8 miles)
205 21st St, Pittsburgh, PA 15222

WIFI Information
—

USERNAME
WESTIN_CONFERENCE

PASSWORD
ACSA19

#ACSA107

+ TAU SIGMA DELTA - BREAKFAST + MEETING
Open to Deans, Chairs, and Directors of all ACSA member schools and
Tau Sigma Delta faculty advisors.

08:00 - 09:00
BUTLER

DECOMPOSE, RECOMPOSE
Moderator: Max Kuo, Harvard University

This session examines how contemporary architects are responding to the
overproduction of information and stuffs in an environment of ubiquitous
computation. The presenters offer new formal experiments that both represent and
interrogate this abundance. More crucially, they share an interest in decomposition
whereby architectural form breaks down into elemental parts, questioning our ability
to synthesize them within an integrated whole. The subsequent re-composition of
these incongruities is a critical reminder that the need to invent new compositional
strategies remains a core function of the architectural discipline.

09:00 - 10:30
CAMBRIA EAST

Peer-Reviewed
Session

Familiar Farmhouse
Dylan Krueger, California College of the Arts

Unbuilding Walls - German Pavillon 2018 from Death Strip to Freespace
Christoph Korner, Woodbury University

Between the Lines
Michael Jefferson University of Michigan
Suzanne Lettieri, Fashion Institute of Technology

Another Digital
Erik Herrmann, The Ohio State University

09:00 - 10:30
CAMBRIA WEST

Peer-Reviewed
Session

MATERIAL FRONTIERS 1
Moderator: Gail Peter Borden, University of Houston

The engagement of the physicality of matter with emergent processes of digital design and fabrication has bred a new architecture of effectual tactility. The essentialism of this dialogue has produced a new architectural methodology. Arguing for a "new materialism" the traditions of historical methods of construction as well as emerging material technologies are allowing for greater functional, physical and spatial capabilities. This session topic presents pedagogies, design investigations and projects that are intrinsically engaging the potential of material.

Building the Resistance: Eladio Dieste's Digital Work in Cerámica Armada
Federico Garcia Lammers, South Dakota State University

Robotic Needle Felting
Tsz Ng, University of Michigan
Wes McGee, University of Michigan
Asa Peller, University of Michigan

Image Matters
Cyrus Penarroyo, University of Michigan
McLain Clutter, University of Michigan

Designing Matter An Introduction to Architectural Design For First Year Graduate Students
Roger Hubeli, Syracuse University
Britt Eversole, Syracuse University

CONTINUING EDUCATION

Visit the following website:
www.acsa-arch.org/107CES

———————————

Deadline: April 14

COMPUTATION IN THE CORE: CRITICAL PEDAGOGIES
Moderators: Daniel Cardoso Llach, Carnegie Mellon University
Matthew Allen, University of Toronto

This session aims to unpack the black box of computation in architecture. We invite papers that critically examine, or re-imagine, the place of computation within the core curricula of architecture schools. We will consider pedagogical experiences, historical arguments, and intellectual visions for architectural education that avoid re-inscribing conventional boundaries between 'design,' 'theory,' and 'technique;' recognize the historical import of architectural computing; and explore its potential to structure a core architecture sequence addressing the demands of contemporary practice.

From Black Box to Generative System
Pedro Veloso, Carnegie Mellon University
Ramesh Krishnamurti, Carnegie Mellon University

Computing (with) Architecture: Pedagogical Explorations at the Intersection of Design and Mechanical Computation
Dimitris Papanikolaou, University of North Carolina at Charlotte

Default Mode
Emmett Zeifman, Columbia University
Sara Constantino, Princeton University

Everything is Software
Galo Canizares, The Ohio State University

THEORY'S RISE AND FALL: CONTEXTS AND CONDITIONS
Moderator: Joseph Bedford, Virginia Tech

This session presents papers that attempt to re-historicize theory's rise and fall through analyses of broader cultural, economic, sociological, political, institutional and disciplinary conditions. Papers address the cultural and political contestations of May '68; the maturation of the careers of specific actors, such as Bernard Tschumi, who transitioned from radical artist to successful professional and university dean; and the internal transformations that resulted from how the imported ideas such as the linguistic analogy played out in the architectural discipline.

Orientation at the Brink of Revolution? - O.M. Ungers and the Passing Moment of Theory at TU Berlin
Ole Fischer, University of Utah

"Six Concepts" and Disjunctive Empiricism: On Bernard Tschumi's Theoretico-Practical Promiscuity
Sophie Juneau, Independent Scholar

Autonomy, Ideology and the Consumption of Theory
Louis Martin, Université de Québec à Montréal

09:00 - 10:30
WESTMORELAND
CENTRAL

Peer-Reviewed
Session

BEING ECOLOGICAL 1
Moderators: Salmaan Craig + Kiel Moe, McGill University

This session solicited papers that challenge the pedagogical orthodoxy with regards to environmental technologies and material ecologies. Selected papers offer fresh insight on ecological treatments of, and experimental models in, core (required) history, studio, and technology courses. That is experiments and methods which productively blur the artificial separation between materials and technology, and between technology, design, and history. As much pedagogy workshop as paper session, these two sessions will focus on ecological pedagogies for this century.

Deep Diving in Search of Ecological Expertise
David Kennedy, Auburn University

Operationalizing Ignorance: Post-Normal Architecture
Jacob Mans, University of Minnesota

Measuring History: An Active Learning Exercise to Bridge Interdisciplinary Silos and Promote Sustainability in Architectural Education
B.D. Wortham-Galvin, Clemson University
Corey Griffin, Pennsylvania State University
Kalina Vander Poel, Portland State University

Leaving Our Comfort Zone
Andrew Cruse, The Ohio State University

TWITTER

Follow the tweets:
@acsaupdate

_____

QUESTIONS OF ABSTRACTION IN BEGINNING DESIGN
Moderator: Stephen Temple, University of Texas at San Antonio

Beginning design students frequently find themselves having to think and work abstractly too early in their intellectual development. Abstraction signifies the other and is easily confused for something concrete, disconnecting design processes from the lived-reality of architectural experience, resulting in design work standing in for environment that does not contain things normal to experience. This session identifies abstractions inherent to analogue and digital processes within arguments that pedagogy draw design students into abstraction in more specific connection to actual reality.

Observing Time / Employing Positivist Observation as a Bridge to Abstraction in Early Design Education
Jonathan Scelsa, Pratt Institute

Normalizing Abstraction: Interdisciplinarity and Familiarity in Beginning Design Pedagogy
Erlene Clark, Austin Community College

A Persistent Pedagogy
Brian Dougan, American University of Sharjah

09:00 - 10:30
WESTMORELAND EAST

Peer-Reviewed Session

DRAWING FOR THE DESIGN IMAGINARY: ROUNDTABLE
Moderator: Jeremy Ficca, Carnegie Mellon University
Amy Kulper, Rhode Island School of Design
Grace La, Harvard University

This session builds on the eponymous drawing exhibition celebrated on the evening of March 30th at the Carnegie Museum of Art. The exhibition includes a diverse array of exemplary drawings from designers, architects, faculty, and students from around the globe. Please join us for this roundtable on the role of drawing as an enduring pedagogical instrument for the design imaginary. Exhibit curators Jeremy Ficca, Amy Kulper and Grace La, will provide an overview of the exhibition and discuss specific works.

09:00 - 10:30
FAYETTE

Special Focus Session

STUDENT RESEARCH IN PRACTICE & ACADEMIA

AIAS CRIT Live at ACSA107 hosted by Carnegie Mellon University will be held on Saturday, March 30, 2019. These sessions will provide a platform for students to present research projects to their peers. Train students in best practices related to funding, conducting and presenting research. The sessions will consist of a professional research tutorial workshop, panels exhibiting student research projects, and a showcase of the 2017-2018 AIAS CRIT Scholar work.

09:00 - 10:30
WASHINGTON

AIAS CRIT Live

10:30 - 11:00 2ND FL. LOBBY	**+ COFFEE BREAK** Open to all registered conference attendees.

11:00 - 12:30
CAMBRIA EAST

Peer-Reviewed
Session

ARCHITECTURE, ENGINEERING AND THE MULTIPLICITY OF THE CREATIVE PROCESS
Moderator: Brett Schneider, Rhode Island School of Design

Schools of architecture in particular are filled not just with architects, but also engineers, coders, drawers, writers, theorists, artists, etc. How do we affect each other? This session presents participants from both architecture and related disciplines to discuss this interaction through examples of collaboration – conventional and unconventional. How do the tools of each field react to the limits imposed by others? How does the perspective of each designer change based on interaction with others?

Joaquim Cardozo & Oscar Niemeyer: The Collaboration Between a Poet-Engineer and Architect-Poet
Xhulio Binjaku, Massachusetts Institute of Technology
Caitlin Mueller, Massachusetts Institute of Technology

Engineering a New Nation: Mahendra Raj and his Collaborations Across Disciplines
Mohamed Ismail, Massachusetts Institute of Technology

Architectural Group Practice: Biographical Episodes in the Social Organization of the Tecton Group
Andrew Tripp, Mississippi State University

Reinventing Gabions: How Collaboration Led to New Methods of Building Laterally Stable Walls
Rick Sommerfeld, University of Colorado Denver
Andy Paddock, RMG Engineers

Nebulate: Bridging Scale from Nanoparticles to Site
Beverly Choe, Stanford University
Jun Sato, Tokyo University

MATERIAL FRONTIERS 2
Moderator: Gail Peter Borden, University of Houston

The engagement of the physicality of matter with emergent processes of digital design
and fabrication has bred a new architecture of effectual tactility. The essentialism
of this dialogue has produced a new architectural methodology. Arguing for a "new
materialism" the traditions of historical methods of construction as well as emerging
material technologies are allowing for greater functional, physical and spatial
capabilities. This session topic presents pedagogies, design investigations and projects
that are intrinsically engaging the potential of material.

**A New (Old) Paradigm on Metal Fabrication Between the Automobile and
Building Industries**
Ahmed K. Ali, Texas A&M University
Patricia Kio, Texas A&M University

Pop-Up Concrete: Rethinking Concrete Shell Structures
Julie Larsen, Syracuse University
Roger Hubeli Syracuse University

**Twisted Logic | Thinking Outside and Inside the Box: Modifying 2x4s to
Productively Disrupt Light-Frame Wood Construction**
Blair Satterfield, University of British Columbia
Alexander Preiss, University of British Columbia
Derek Mavis, University of British Columbia
Graham Entwistle, University of British Columbia

**Speed Limits: The Architectural Design Possibilities of the 3D Printed
Corner**
Zach Cohen, Massachusetts Institute of Technology

Soft Architectural Assemblies: Soft Kinetics
Vera Parlac, University of Calgary

11:00 - 12:30
SOMERSET WEST

Peer-Reviewed
Session

COMPUTER COMPOSITION: DESIGN AFTER MACHINE LEARNING
Moderator: James Macgillivray + Wei-Han Vivian Lee, University of Toronto

Computer Composition explores how automated processes, be they parametric, based in information modeling or artificial intelligence, have affected the process of composition. If our design methods have invited these processes, when do they occur and under what conditions? Do we give the robot full control or is it circumscribed by our human authorship? Through an honest discussion this session aims to determine whether the composition of architecture is at some level still the work of humans or if our own design agency is ultimately more ornamental than we thought.

Composing Frankensteins: Data-driven Design Assemblies through Graph-Based Deep Neural Networks
Imdat As, University of Hartford
Prithwish Basu, Raytheon BBN Technologies
Siddharth Pal, Raytheon BBN Technologies

The Digital Pharmakon: The Poisonous/potential of Partial Determinism
Randall Teal, University of Idaho

Composition Parsing: Office Space Planning and Automation as Translator
Charles Driesler, Pratt Institute

All Along the Watchtower
Maya Alam, Syracuse University

Unscripted: A Cenotaph for Richard Feynman
Adam Modesitt, Tulane University

INSTAGRAM

Follow the feed:
@acsanational

DRAWING'S TACIT PRACTICES
Moderator: Paul F. Emmons + Ezgi Isbilen, Virginia Tech

Ideas often travel from the hand to the head, Le Corbusier said of design, affirming that design thinking takes place within the activity of drawing. Architectural drawing is largely tacit knowledge because it is known through the body as much as through the mind as ways of thinking embedded in ways of operating. As Michael Polanyi noted, 'the tacit is the ineffable domain of skillful knowing'. This session examines the inter-relation between the tacit and the explicit, practice and theory.

A Country Just for Liars: The Taciturn Truth of the Orthopsychic Eye
Don Kunze, Pennsylvania State University

Delayed Processes
Pari Riahi, University of Massachusetts, Amherst

Co-operating with Notational Language: Full-scale Drawing Practices of Traditional Carpentry in Southern China
Adam Brillhart, Xi'an Jiaotong-Liverpool University
Ken Yeung, China Academy of Art

A New Unity: the Illustrious Drawing
Carolina Dayer, Aarhus School of Architecture

A Critical Review of Dalibor Vesely's Hermeneutic Theory of Architectural Drawing
Joseph Bedford, Virginia Tech

BEING ECOLOGICAL 2
Moderator: Salmaan Craig + Kiel Moe, McGill University

This session solicited papers that challenge the pedagogical orthodoxy with regards to environmental technologies and material ecologies. Selected papers offer fresh insight on ecological treatments of, and experimental models in, core (required) history, studio, and technology courses. That is experiments and methods which productively blur the artificial separation between materials and technology, and between technology, design, and history. As much pedagogy workshop as paper session, these two sessions will focus on ecological pedagogies for this century.

Simulated Form: Non-Figurative Representations of Ecological Objects
Dana Cupkova, Carnegie Mellon University

No Longer an Object: Thermodynamics and New Dimensions of Architectural Design
Dorit Aviv, University of Pennsylvania

From Matter to Design: Empirical Experiments within a Design Context
Alex Timmer, University of Wisconsin-Milwaukee

Constructing Unimaginable Subjects: New Economies of Architecture, Design, and Ecology
Filip Tejchman, University of Wisconsin-Milwaukee

BECOMING DIGITAL 1

Moderators: Ellie Abrons, University of Michigan
Adam Fure, University of Michigan
McLain Clutter, University of Michigan

Today the digital is an ambient hum emanating from every corner of our increasingly constructed world, constituting the material, conceptual, and experiential context of any architectural project. On a computational level, our methods of design blend with our modes of dissemination and communication, indeed with culture at large. This nascent condition presents new possibilities for architectural speculation and representation, and for our discipline's potential impact in an increasingly digital world. This session invites papers that consider architecture's role within our ever-expanding digital culture.

From the Digital to the Discrete
Mollie Claypool, University College London

Exploiters, Amplifiers, Permutators and Teachers: Four Paradigms of the Human/Machine Relationship
Erik Herrmann, The Ohio State University

Command and Ctrl: How Digital Became Us
Galo Canizares, The Ohio State University

ARCHITECTURE AND THE LIBERAL ARTS
Moderator: Elijah Huge, Wesleyan University

"There has been increasing interest, recently, on the part of educators and students, regarding the nature and possibilities for undergraduate, non-professional architectural education within the liberal arts college." The opening statement of the Conference on Undergraduate Architectural Education convened by the Institute for Architectura and Urban Studies (IAUS) and the Architectural League of New York (ALNY) in January 1975 may be read as both historical reference point and apt summary of a newly reemerging condition. This panel aims to create a forum for discussing and developing the role architectural pedagogy in the liberal arts context.

Bimal Mendis, Yale University
Christina Crawford, Emory University
Megan Panzano, Harvard University

ASSESSING THE QUALITY OF ARCHITECTURE RESEARCH & SCHOLARSHIP
Moderator: Hazem Rashed-Ali, University of Texas, San Antonio

Join the ACSA Research + Scholarship Committee report on the quality of architecture research and scholarship. What are the institutional measures of quality in research, as judged both within and outside the discipline? What are the ways in which architecture schools measure different research outputs?

Marci Uihlein, University of Illinois, Urbana-Champaign
Kentaro Tsubaki, Tulane University
Anne-Catrin Schultz, Wentworth Institute of Technology
Corey Griffin, Pennsylvania State University
Kelly Bair, University of Illinois at Chicago
Nadia Anderson, University of North Carolina at Charlotte

AIAS CRIT SCHOLAR & STUDENT RESEARCH

11:00 - 12:30
WASHINGTON

AIAS CRIT Live

Living Plane
Megha Dubey, University of Cincinnati
Regenerative Design for the Urban Roofscape of Old Delhi, India. This project investigates the potential of existing underutilized rooftops in a dense urban fabric of the city of Shahjahanabad - the walled city within Delhi; to explore the opportunities to reintroduce urban green space for the improvement of ecological conditions while integrating it with the socio-cultural life of the community.

Mycelium as a Remediator of the Anthropocentric Condition
Sinan Goral, Carnegie Mellon University & Harvard University
This research project probes the ways in which future architects might challenge the brute force implications of progressive assembly with mycelial self-assembly. In addition, Sinan explores novel approaches to storytelling and teaching.

Yippee-Cai-Yay: An Energy Case Study
Madison Russ, Rhode Island School of Design
This case study investigates how energy literacy initiatives can be multifaceted and site-specific. The study proposes devices that engage community members of Canyon, TX, at an agricultural and individual human scale.

+ LUNCH ON YOUR OWN
Refer to the map on pg. 52 for restaurant suggestions.

12:30 - 02:30
PITTSBURGH

02:30 - 04:00
CAMBRIA EAST

Peer-Reviewed
Session

THE IMPLICIT MIDDLE: FEEDBACK PROCESSES IN PRACTICE AND PEDAGOGY
Moderator: Cameron Wu, Princeton University

This Open Projects session features four widely varied projects which examine how digital and fabrication cultures and technologies expand the domain of architectural design and education. Presenters will illuminate the critical and creative capacities of the architectural discipline by drawing our attention to process-oriented design. Rather than focusing on final products, this group will underscore architecture as a recursive, augmented, and exploratory medium.

Pre-Cast Tectonics A Material Approach to "Integrated Building Design Studio"
Roger Hubeli, Syracuse University

Mixed Robotic Interface &[Gamma]: Searching For a Hybrid Cyber-Physical Design/Experience Interface Through Virtual/Actual Robots
Ebrahim Poustinchi, Kent State University
Trevor Swanson, Kent State University
Brad Bowmen, Kent State University

Swivel
Andrew Colopy, Rice University

Professional Landscapes at the End of Education
Federico Garcia Lammers, South Dakota State University

02:30 - 04:00
CAMBRIA WEST

Peer-Reviewed
Session

GEOMETRY, THE METRICS OF SPACE AND ITS ARCHITECTURAL INSTRUMENTS
Moderator: Joel Lamere, University of Miami

It is tempting to cast the discipline of geometry as a co-conspirator in the excesses of the digital project. But rather than as an alibi for eroding constraints or formal autonomy, the better characterization of geometry is as an intrinsic discipline at architecture's core. We ignore the specific characteristics of objects - their spatial metrics, their geometries - at architecture's peril. This session includes four testimonies on the enduring role of geometry in pedagogy, practice and the production of knowledge.

Registering Absence: Shadows as Objects
Tithi Sanyal, University of Michigan

Promiscuous Geometries
Xhulio Binjaku, Massachusetts Institute of Technology
Anne Graziano, Massachusetts Institute of Technology

Isovists and the Metrics of Architectural Space
Michael Benedikt, University of Texas at Austin

Ordinary Geometry
Mark Ericson, Woodbury University

ARCHITECTURE'S POLITICS OF APPEARANCE
Moderator: Jason Young, University of Tennessee-Knoxville

How do we recognize the architectural act? What are the kinds of appearances that architecture makes? How does architecture make its various appearances? How does the representational bias of the discipline manifest itself in qualities and affinities? And how do those qualities and affinities compare across diverse modes of inquiry from speculative drawings to realized buildings? This session attempts to influence and promote scholarship exploring the regimes of practice from which we can learn more about the evolving politics of appearance within architecture.

Resistance and Control: The Paradox of Architectural Agency
Marc Maxey, University of Nebraska-Lincoln

Infrastructural Ubiquity: The Case of the Defense Highway and Space Complex
Jeffrey Nesbit, Harvard University

Infrastructural Ubiquity: The Case of the Defense Highway and Space Complex
Ernest Haines, Harvard University

Who, Mies? Interrogating the Federal Center Courthouse and the Trial of the Chicago Seven
David Shanks, Syracuse University

Under Maintenance: Come in Now!
Sergio Lopez-Pineiro, Harvard University

The Thing with Thingness
Jacqueline Shaw, Rhode Island School of Design

THE PULSE OF PROFESSIONAL PRACTICE

This session will share findings from the 2018 - 2019 professional practice research conducted by NCARB and ACSA. These initiatives 1) surveyed current professional practice coursework and identified how accredited programs prepares students for modern-day practice and 2) provided insights about the perception of professional practice education and its relationship to general firm practices, firm hiring, AXP and ARE. Session participants will use this information to evaluate the relationship between the profession and the academy.

Patricia Ramallo, NCARB
Kendall Nicholson, ACSA

02:30 - 04:00
WESTMORELAND
CENTRAL

Peer-Reviewed
Session

BEING VERSUS BECOMING THE CORE OF ARCHITECTURE 2
Moderators: David Fannon, Michelle Laboy, + Peter H. Wiederspahn, Northeastern University

While superficially a discipline concerned with the shaping of space, the core of architecture lies in design of time, particularly seeking to reify a desired future through the means of the physical environment. This session includes a range of projects and papers describing experiments in representation, specification, fabrication and construction across multiple spatial and temporal scales.

Building Biographies: Chronicling Time in Architectural Representation
Priya Jain, Texas A&M University

Specification Species: How the Standard Shaped the Guastavino System
Jessica Garcia-Fritz, South Dakota State University

Beta-Real: The Materiality of Loss
Linda Zhang, Ryerson University
Biko Mandela Gray, Syracuse University

Building Duration / El Portico de los Huespedes
Patricia Guaita, Swiss Federal Institute of Technology (EPFL)
Sony Devabhaktuni, The University of Hong Kong
Raffael Baur, Swiss Federal Institute of Technology (EPFL)
David Jolly, Pontificia Universidad Católica de Valparaíso

02:30 - 04:00
WESTMORELAND
EAST

Peer-Reviewed
Session

BECOMING DIGITAL 2
Moderator: McLain Clutter, Ellie Abrons, + Adam Fure, University of Michigan

Today the digital is an ambient hum emanating from every corner of our increasingly constructed world, constituting the material, conceptual, and experiential context of any architectural project. On a computational level, our methods of design blend with our modes of dissemination and communication, indeed with culture at large. This nascent condition presents new possibilities for architectural speculation and representation, and for our discipline's potential impact in an increasingly digital world. This session invites papers that consider architecture's role within our ever-expanding digital culture.

Looking Longer: The Thickening of Time Amidst Second-wave Digital Culture
Benjamin Smith, Tulane University

Literal Digital
Alfred Koetter, University of Southern California
Emmett Zeifman, Columbia University

Delirious Facade
Wei-Han Vivian Lee, University of Toronto
James Macgillivray, University of Toronto

None More Digital
Courtney Coffman, Princeton University

AROUND THE WORLD: GLOBAL ACSA
Moderator: Barbara Klinkhammer, Jefferson University

This interactive session will engage the audience with discussions of best practices for international engagement from different perspectives. The audience will hear presentations about helping international students succeed, international internships, and working on Solar Decathlon - China. The group will then discuss best practices for student success, and review and critique recommendations for supporting international engagement in architectural schools by the ACSA.

Rashida Ng, Temple University
Edward Mitchell, University of Cincinnati
Michael Jemtrud, McGill University
June Williamson, City College of New York

PRACTICING DESIGN SCHOLARSHIP: SITUATE, REFLECT, DISSEMINATE
Moderators: Jane Hutton, University of Waterloo
Jacob Mans, University of Minnesota
Carolina Dayer, Aarhus School of Architecture

This panel will examine key questions on scholarly inquiry and writing about design work. Panelists will respond to the following prompts and discuss how each informs the ways they conceptualize and write about their own design work: Situate – how do you situate design work within a scholarly context?; Reflect – how do you write critically (not promotionally) about your work?; and Disseminate – how do you communicate about the broader impacts of your work? Design as Scholarship is a feature of the Journal of Architectural Education that supports the peer-reviewed publication of scholarly texts about design practice. This unique publishing venue is valuable for both emerging and established design academics to reflect on creative work and to situate it within a scholarly context. Panelists include recent contributors of Design as Scholarship texts, the JAE Design Editor, as well as Editorial Board Members. The aim of the session is to discuss design scholarship as an ongoing practice that designers use to shape the inquiries that inform their design decisions. These inquiries establish a framework for self and peer-critique that allow us discuss to how our individual designs can inform broader discussions about architecture in general. The goal of the panel is to support compelling writing about design projects and to provide an open venue to discuss critical attributes of the practice of design scholarship.

Shelby Doyle, Iowa State University
Richard Hindle, University of California, Berkeley
Jacob Mans, University of Minnesota

02:30 - 04:00
WASHINGTON

AIAS CRIT Live

AIAS CRIT SCHOLAR & STUDENT RESEARCH

The HOME incUBATOR and RE_TOLD
CMU's Urban Design Build Studio

RE_TOLD and the HOME Inc.UBATOR are community outreach and engagement tools which are attached to a bike. Initially the UDBS will deploy it in Pittsburgh's East End Communities (East Liberty, Garfield, Homewood, and Larimer) this Spring to help engage residents in conversation about housing and housing related issues. RE_TOLD is a mechanism for residents to be heard. It is a container for video and audio equipment that will be used to record narratives by local residents so that they can be re-broadcast/re-told. The hope is that recordings and narratives captured with this mobile recording studio can aid in breaking biases related to socio-economic condition.

Mapping the Legacy of Redlining
Kristen Hoover, Morgan State University

This research project took a critical look at public spaces and what types of experiences they create for its users. Pushing further, the research focused on ways to engage people in conversations about how to create and design spaces that are and feel inclusive to all people.

Living Building Challenge
Samantha Pires, New Jersey Institute of Technology

This research focused on third-party certification systems, greenwashing in architecture, and the role of third-party incentives in sustainable design. The scholar used questions to reframe what is possible and what is greenwashing in the world of modern sustainable design.

04:00 - 05:00

TRAVEL TO CARNEGIE MUSEUM
Buses will depart from the Westin Pittsburgh, Porte-cochère

05:00 - 06:00
CARNEGIE MUSEUM,
MUSIC HALL

TSD GOLD MEDAL: WANG SHU & LU WENYU KEYNOTE
Wang Shu & Lu Wenyu are the recipients of the 2019 Tau Sigma Delta (TSD) Honor Society in Architecture and Allied Arts Gold Medal.

06:00 - 07:00
CARNEGIE MUSEUM,
FOYER

### DRAWING FOR THE DESIGN IMAGINARY EXHIBITION & CLOSING PARTY
This exhibition illuminates the subject of drawing as a robust pedagogical and discursive realm, revealing its steadfast yet continually evolving role as an essential instrument for the design imaginary. If, as Mario Carpo states, "drawings probe and test the limits and constraints of architectural representation itself" then the question of drawing may be ideally situated as a central subject in our post-digital circumstance. Exhibiting over forty drawings from around the globe, from different eras and representing diverse intentions, this exhibit invites renewed questions about the disciplinary potential of drawing.

07:00

TRAVEL RETURN TO WESTIN PITTSBURGH
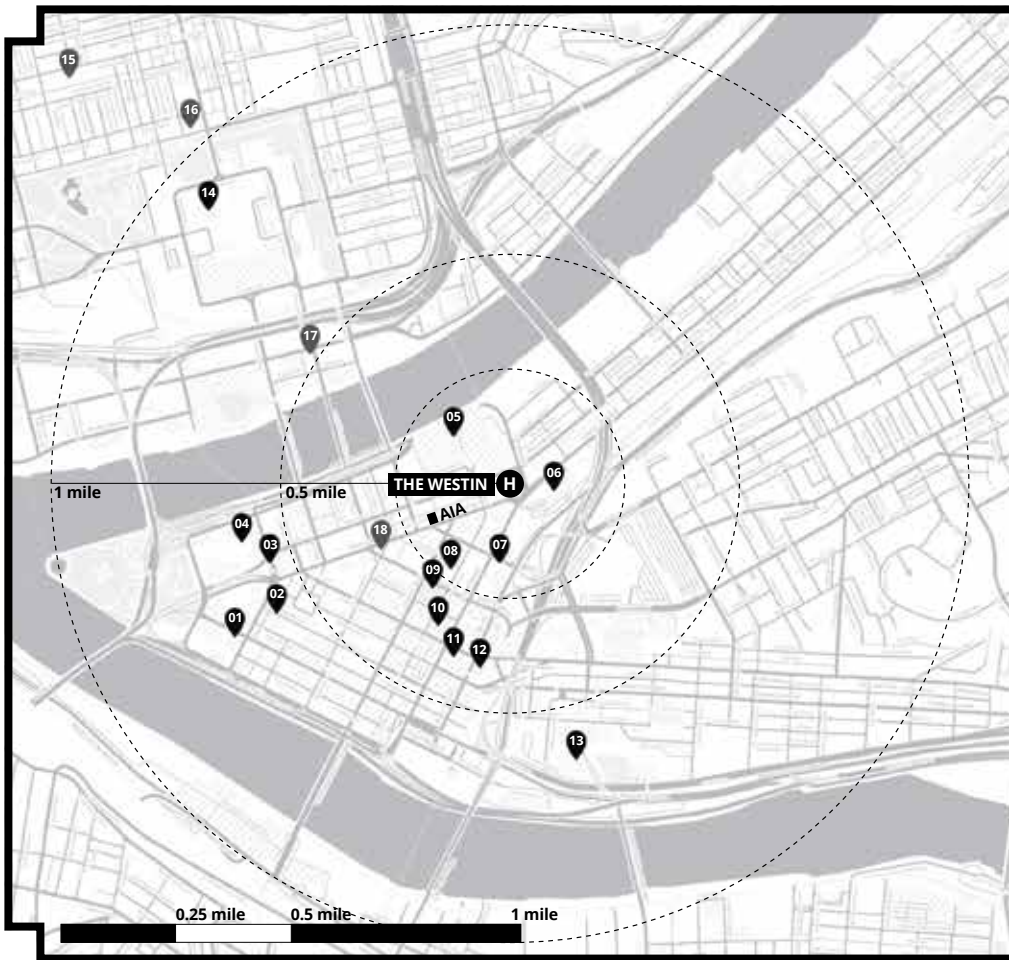Buses will depart from the Carnegie Museum returning to Westin Pittsburgh

TSD GOLD MEDAL: WANG SHU & LU WENYU
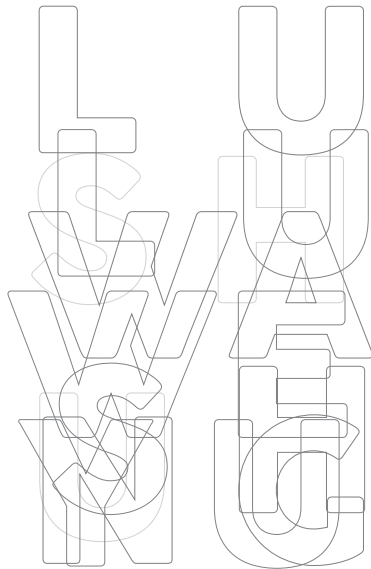
Wang Shu & Lu Wenyu founded the Amateur Architecture Studio in 1998. This Hangzhou-based practice has grown during the past eight years into a famous name in China. The Amateur Architecture Studio's best-known projects are the Wenzheng Library in Suzhou University, the Harbor Art Museum in Ningbo and the Xiangshan Campus of the China Academy of Art in Hangzhou.

The Amateur Architecture Studio was engaged in experimental research projects, for example Sanhe House in the China International Practical Exhibition of Architecture in Nanjing, the Ceramic Tea House in Jinhua Architecture Park in Jinghua. The projects have been shown in international exhibitions from 2001 including "TU MU-Young Architecture of China" in AEDES Gallery, Berlin (Germany), Shanghai Biennale 2002 at the Shanghai Art Museum in Shanghai, (China), Alors, La Chine?, Centre Pompidou in Paris (France), Synthi-Scapes: Chinese Pavilion of the 50th Venice Biennale in the Guangdong Museum of Art, Guangzhou (China) and in the Art Museum of the Central Academy, Beijing (China). The projects have been published in China and abroad.

Closing keynote and reception is in partnership with the Carnegie Museum of Art's, Heinz Architectural Center and the Carnegie Mellon University, School of Architecture.

15

16

14

17

05

THE WESTIN **H**

06

AIA

04

03

18

08

07

09

02

10

01

11 12

13

1 mile

0.5 mile

0.25 mile   0.5 mile   1 mile

ARCHITECTURE

01] **United Steelworkers Building**
Curtis and Davis Architects and Engineers

02] **PPG Place**
Johnson/Burgee Architects

03] **Gateway Station**
GBBN

04] **Gateway Center**
Eggers & Higgins

05] **David L. Lawrence Convention Center**
Rafael Viñoly Architects

06] **Pennsylvanian**
Daniel Burnham

07] **US Steel Tower**
Harrison, Abramovitz & Abbe

08] **Regional Enterprise Tower**
Harrison & Abramovitz

09] **Mellon Square**
Mitchell & Ritchey

10] **Union Trust Building**
Frederick J. Osterling

11] **Allegheny County Courthouse**
H. H. Richardson

12] **Allegheny County Jail**
H. H. Richardson

13] **Duquesne University Mellon Hall**
Ludwig Mies Van der Rohe

14] **Children's Museum of Pittsburgh**
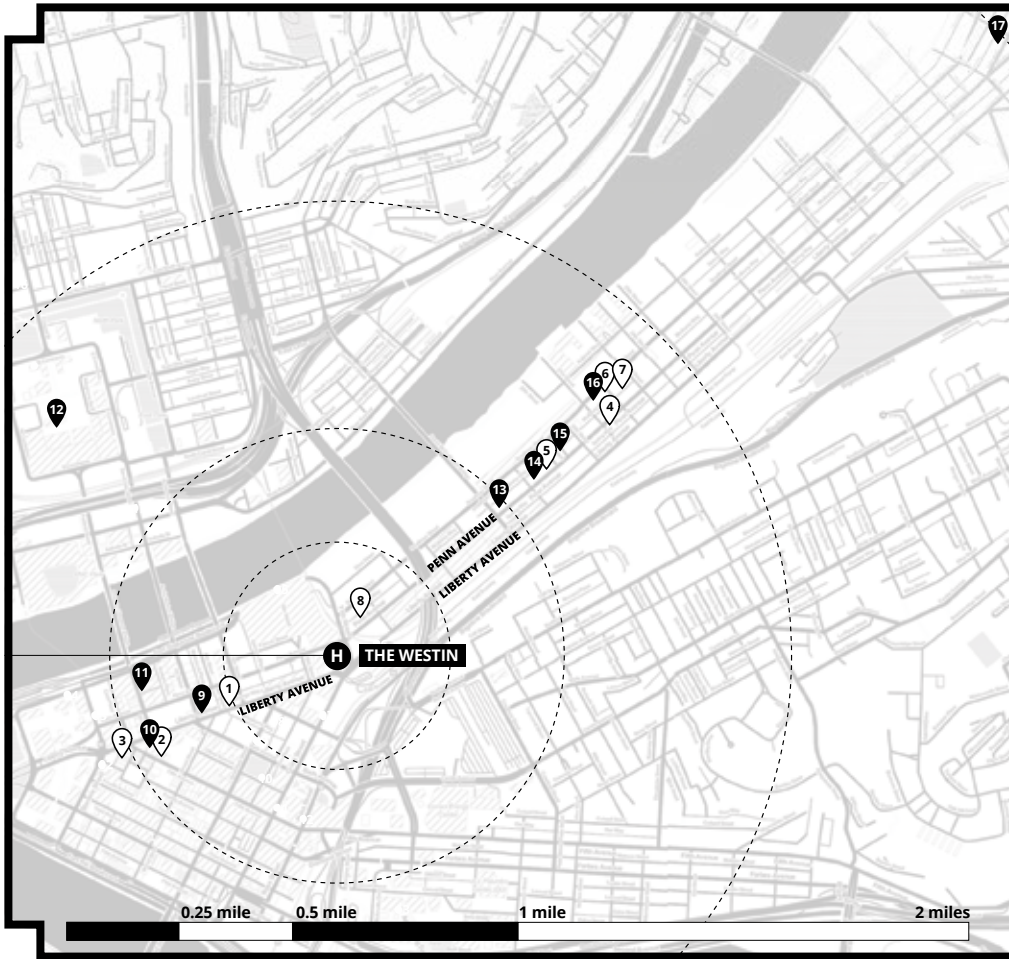Koning Eizenberg

CULTURAL

15] **Mattress Factory Museum**

16] **City of Asylum**

17] **The Andy Warhol Museum**

18] **Wood Street Galleries**

19] **Carnegie Museum of Art**

H THE WESTIN

PENN AVENUE

LIBERTY AVENUE

LIBERTY AVENUE

0.25 mile   0.5 mile   1 mile   2 miles

^ LAWRENCEVILLE

COFFEE

FOOD/DRINKS

Note: Lawrenceville has a lot of dinner options as well. It is only about 10 min away by car.

01] **Crazy Mocha** *(6am)*
801 Liberty Ave, Pittsburgh, PA 15222

02] **21st Street Coffee and Tea** *(7am)*
225 Fifth Ave, Pittsburgh, PA 15222

03] **Nicholas Coffee Co.** *(7am)*
23 Market Square # 1, Pittsburgh, PA 15222

04] **La Prima Espresso** *(6am)*
205 21st St, Pittsburgh, PA 15222

05] **Prestogeorge Coffee & Tea** *(8am)*
1719 Penn Ave, Pittsburgh, PA 15222

06] **Commonplace Coffee - Smallman Galley**
54 21st St, Pittsburgh, PA 15222

07] **Allegheny Coffee & Tea Exchange** *(8am)*
2005 Penn Ave, Pittsburgh, PA 15222

08] **Colony Cafe** *(10:30 am)*
1125 Penn Ave, Pittsburgh, PA 15222

LUNCH + DINNER

09] **Penn Cove Eatery and the Warren** *(11am)*
245 7th Street Pittsburgh, PA 15222

10] **Fl 2 @ Fairmont Hotel Pittsburgh** *(6:30a)*
510 Market Street Pittsburgh, PA 15222

11] **Proper Brick Oven & Taproom** *(5pm)*
139 7th Street, Pittsburgh, PA 15222

12] **Federal Gallery** *(11am)*
200 Children's Way Pittsburgh, PA 15212

13] **Gaucho Parrilla Argentina** *(11am)*
1601 Penn Ave, Pittsburgh, PA 15222

14] **Andy's Sushi Bar** *(10am)*
1711 Penn Ave, Pittsburgh, PA 15222

15] **East End Brewery Tap Room** *(11am)*
102 19th Street, Pittsburgh, PA 15222

16] **Smallman Galley** *(11/10am-Saturday)*
54 21st Street, Pittsburgh, PA 15222

17] **Poulet Bleu** *(5pm) Lawrenceville*
3519 Butler Street Pittsburgh, PA 15201

18] **Baby Loves Tacos** *(11am)*
4508 Liberty Avenue Pittsburgh, PA 15224

19] **Bitter Ends Garden and Luncheonette** *(9am)*
4613 Liberty Ave Pittsburgh, PA 15224

20] **Station** *(11:30am)*
4744 Liberty Ave, Pittsburgh, PA 15224

CONFERENCE EXHIBITORS

ActarD
Actar is a leading publisher and distributor of architecture and design books. Actar Publishing focuses on critical issues in the research and practice of architecture, landscape architecture, and urbanism. Actar D sells and distributes books from leading architecture publishers and institutions including Applied Research + Design, Artifce Books on Architecture, Birkhäuser, Detail, DOM, eVolo, List Laboratorio, ORO Editions, Harvard Graduate School of Design, and Yale School of Architecture studio series.

American Institute of Architects
For more than 150 years, the members of the American Institute of Architects have worked to advance our quality of life through design. From designing the next generation of energy-saving buildings to making our communities healthier and more vibrant, from helping neighborhoods rebuild after disasters to exporting American design know-how to the rest of the world, architects turn dreams and aspirations into reality. Decisions are being made every day that affect the way architects practice by federal, state, and local lawmakers, and AIA Advocacy aims to serve its members as the voice of the profession to the decision-makers at all levels of government. Whether you are looking to make a difference in your local community or abroad on an architectural services trade mission, AIA Advocacy gives you the tools you need to make the impact you desire.

American Institute of Steel Construction
A not-for-profit technical institute and trade association established in 1921 to serve the structural steel design community and construction industry in the United States. AISC's mission is to make structural steel the material of choice by being the leader in structural-steel-related technical and market-building activities, including: specification and code development, research, education, technical assistance, quality certification, standardization, and market development. AISC has a long tradition of service to the steel construction industry providing timely and reliable information.

ARCC
The Architectural Research Centers Consortium, Inc. (ARCC) is an international association of architectural research centers committed to the expansion of the research culture and a supporting infrastructure in architecture and related design disciplines. Since its founding as a non-profit corporation in 1976, ARCC has represented a concerted commitment to the improvement of the physical environment and the quality of life. As an organization of researchers and research centers, ARCC sponsors workshops, undertakes sponsored projects, sustains networks, and exchanges information and experience intended to help build a research culture and infrastructure — in architecture schools and beyond.

ArchCAS powered by Liaison
ArchCAS™ is a full service, Web-based application service that allows students to apply to multiple participating programs with a single application and facilitates a streamlined admissions process for programs. Liaison, the leading provider of higher education admissions management and enrollment marketing solutions, has partnered with the Association of Collegiate Schools of Architecture (ACSA) to offer ArchCAS.

Using ArchCAS, applicants can research programs and then use one online application to apply to all programs of interest. Programs can use ArchCAS to reach a broader audience of applicants and to streamline admissions workflows (including review processes and evaluations) so they can focus on fostering relationships with their prospective students.

Architect's Newspaper
The Architect's Newspaper serves up news and inside reports to a niche community of architects, designers, engineers, landscape architects, lighting designers, interior designers, academics, developers, contractors, and other parties interested in the built urban environment. The Architect's Newspaper delivers quality news and cultural reporting through print, web, blog, newsletter, or twitter—all the news you want, in all the ways you want to get it.

Dalhousie Architectural Press

Dalhousie Architectural Press is an academic press based in the Faculty of Architecture and Planning at Dalhousie University in Canada. The Press publishes books and monographs on Canadian architecture, design research, urban design and development. Our goal is to foster a wider appreciation of architecture and its allied disciplines in Canada by featuring the work of exemplary practitioners and providing a critical context for a broader discussion of the built environment.

National Council of Architectural Registration Boards

The National Council of Architectural Registration Boards protects the public health, safety, and welfare by leading the regulation of the practice of architecture through the development and application of standards for licensure and credentialing of architects.

PCI Foundation

Since 2007, the PCI Foundation has focused on providing long-term curriculum development grants to schools of architecture, engineering and construction management. Our focus is on creating new precast concrete content that uses experiential learning. We value programs that bring in our industry and other partners. These grants allow professors to create unique content that cultivate productive relationships between the precast industry and the academic community, develop high-potential students for productive careers and facilitate including precast concrete information and technologies in university curricula. Many of the programs have been inter-departmental, partnering schools of architecture with schools of engineering, construction management, or business.

Pidgeon Digital

The original Pidgeon Digital collection was created in 1979 and took the form of a series of tape/slide talks, each consisting of an audio-cassette, and corresponding time-coded color slides. Monica Pidgeon wanted to widen the horizons of students of architecture and design by giving them the opportunity to share the thinking of world leading members of the profession to whom they might not otherwise have access. She believed that being able to hear the actual voices of the designers of buildings, and listen to their ideas in their own words was extremely important. Monica joined forces with Stephen Albert and World Microfilms who successfully published and distributed the collection worldwide for over 25 years under the banner of "The Pidgeon Audiovisual Collection". In order to preserve this valuable archive and make it more widely available Stephen had the idea to digitize the talks and in 2006 "Pidgeon Digital" was born.

Routledge & Taylor & Francis Group

Founded in 1836, we are a global publisher of academic books, journals and online resources in the humanities and social sciences. Today we publish some 600 journals and around 2,000 new books each year, from offices all over the world. Our current publishing program encompasses the liveliest texts, and the best in research. Our books backlist has over 35,000 titles in print. We take pride in the range and strength of the backlist and we use the latest technology to promote it using a wide range of formats, both in print and online.

Solar Decathlon

The U.S. Department of Energy Solar Decathlon is a collegiate competition, comprising 10 contests, that challenges student teams to design and build highly efficient and innovative buildings powered by renewable energy. The winners will be those teams that best blend design architectural and engineering excellence with innovation, market potential, building efficiency, and smart energy production. Solar Decathlon is more than a competition. It's an intensive learning experience for consumers and homeowners as they experience the latest technologies and materials in energy-efficient design, clean energy technologies, smart home solutions, water conservation measures, electric vehicles, and high-performance buildings.

-

SCHOOL
Carnegie Mellon University

INTERSECTIONS SYMPOSIUM AT AIA CONFERENCE ON ARCHITECTURE

BOTTOM-UP
SOCIAL CHANGE

MATERIALS
BUILDINGS
COMMUNITY

JUNE 6-8, 2019 | LAS VEGAS, NV

2019
ACSA/EAAE
TEACHERS CONFERENCE

JUNE 28-29, 2019
ANTWERP, BELGIUM

practice
of
teaching

THE TEACHER'S HUNCH

UNCERTAINTY

**2019 ADMINISTRATORS CONFERENCE
NEW ORLEANS, LA**

SAN DIEGO, CA

OPEN

03.12
-
03.14
2020

AC
SA
108

108TH ANNUAL MEETING

2018-2019 ACSA/AISC Steel Design Student Competition
2018-2019 Timber in the City Urban Habitat Competition
2018-2019 HERE + NOW: A House for the 21st Century Competition
2018-2019 BUILT2LAST Resilience Design Challenge
Registration Deadline: April 3, 2019

2019-20
ARCHITECTURAL
EDUCATION
AWARDS

Email us a 1000 word description of the project and 5-10 images.

HAVE YOUR SCHOOL

FEATURED ON THE
STUDY ARCHITECTURE BLOG

#STUDYARCHITECTURE

Translation

TECHNOLOGY | ARCHITECTURE + DESIGN

JAE 74:1

H2O

Deadline: August 1, 2019 · 5:00 pm

Carnegie Mellon University

$$T\Sigma\Delta$$

Tau Sigma Delta

ASSOCIATION OF COLLEGIATE
SCHOOLS OF ARCHITECTURE