

AIA Ohio Architectural Design Community Conference

Sept. 10-12, 2023 | Columbus, Ohio

Schedule of Events

Sunday, Sept. 10, 2023

1:00-3:00 p.m. – DeepDive Workshops

Title: **It's a new day for old buildings!**

The requirements for existing buildings in Ohio's building code has included a Chapter 34 since the 1980s. The 2024 edition of the code will include the International Code Council's Existing Building Code with modifications to incorporate Ohio provisions. While the intent is to continue with many of the principles that the Ohio code has used, the inclusion of many new options within the code can be very confusing.

This program includes an overview of the new code and how it can and should be applied by architects dealing with existing buildings. Using the code correctly can save buildings, help improve the preservation of existing structures that can provide significant savings of energy, materials and resources, while maintaining important community textures and population.

HSW: Yes

Presenter(s): David Collins, FAIA, Architect, The Preview Group, Inc.

Sarah Rice, Consultant, The Preview Group, Inc.

Greg Nicholls, Architect, The Preview Group, Inc.

Title: **Leadership Lab: Designing an Intentional & Meaningful Career**

What does it look like to define your personal brand of leadership? How can you learn to flex your leadership muscle in your professional and personal life? How can you build agency to apply those skills and affect long-term impact? How do you identify those around you who can build into you while you build into others? This session will explore these and more questions through a series of charrettes designed to help you identify your passions, your skill set, and how to apply them to your career in architecture.

HSW: No

Presenter(s): Matt Toddy, AIA, Partner, Astra Studios

Kate Thuesen, AIA, Senior Talent Strategist, DLR Group

3:30-4:30 p.m. – Keynote Speaker

Title: **TBD**

Description

Presenter: TBD

5:30 p.m. – Walking Tour

Join conference participants for a pleasant walk (approximately one mile) through Downtown Columbus to the venue for the Awards Celebration.

6:00-10:00 p.m. – Awards Celebration

Title: **AIA Ohio 2023 Awards Celebration**

Lower.com Field, otherwise known as Crew Stadium and home to the Columbus Crew Soccer team, is the inspiring location for the 2023 AIA Ohio Awards Celebration. Join us for food and fellowship while we announce the 2023 AIA Ohio Design Award recipients, the Honor Award winners and recognize our sponsors and other notable AIA Ohio members.

Monday, Sept. 11, 2023

8:30-9:30 a.m. – Breakout Sessions

Title: **Spaces for All - How to Achieve Inclusive Design**

Inclusive design considers how all humans are different and their value is set on the groups they identify with. These human differences are what makes each individual special and unique. We must consider the full range of human diversity when we design space. Inclusive design considers that people have various levels of ability, culture, ethnicity, age, gender and size. Understanding these differences, including all users in the process, and designing with empathy is key to the success of inclusive design.

HSW: Yes

Presenter(s): Tami Greene, Architect, Principal, IKM Incorporated

Jonathan Hoag, Senior Project Architect, IKM Inc

Andrew Ahr, Project Designer, IKM Inc

Rachel Park, Project Designer, IKM Inc

Title: Creating a Vibrant Instagram Community Through Architectural Drawing: Elevating Architecture in the Digital Public Square

This presentation recognizes the role of social media, particularly Instagram, as a medium for architects and designers to connect with a global audience. Architectural drawing's unique ability to captivate viewers, convey design narratives, and evoke emotions is emphasized. Through intentional Instagram presence, architects can foster a vibrant community transcending geographical boundary, promoting meaningful social interaction. Strategies for developing a thriving Instagram following are explored, emphasizing consistent posting, content creation, and community engagement. Aesthetics, composition, and storytelling are discussed as elements to capture viewers' attention and stimulate conversations. Collaboration and knowledge-sharing within the Instagram community are also examined.

HSW: Yes

Presenter(s): Jonathan Novak, AIA, Vice-President of Design, Onyx Creative

Title: SMALL-SIZE // BIG-SCALE: How Spatial Design Will Assuage the Housing Crisis

On April 4, 1973, a ribbon cutting celebrated the opening of the World Trade Center in New York. Its former site was Radio Row, home to smaller industrial tenants, property owners, and residents, many of whom fiercely resisted forced relocation. Discarding smaller buildings in lieu of larger spaces was symptomatic of the widespread, rapidly growing housing crisis in the United States brought upon by The Mega-scale. Transcending traditional urban planning, solutions to the housing crisis can start with well-designed, versatile interiors that subsequently address housing challenges of the 21st-century. Our presentation aims to coalesce historical and architectural evidence through design techniques to articulate a broader discourse in the development of Small-Size // Big Scale ways of life in lieu of modernity through the Mega-Scale.

HSW: Yes

Presenter(s): Matthew Teismann, AIA, NCARB, President, MKC Architects
Josh Tomey, AIA, NCARB, Director of Architecture, MKC Architects

Title: Making Place: Crafting Destinations and Shaping Identity

In today's rapidly evolving landscapes, the concept of architectural placemaking has emerged as a vital approach to shaping the overall sense of destination and identity within communities. Buildings, as the fundamental elements of our built environment, play a pivotal role in defining the character and atmosphere of a place. This presentation aims to explore the transformative power of placemaking and its profound impact on our collective experiences and sense of place.

Drawing on a series of compelling case studies, this presentation will delve into the diverse strategies employed to create memorable destinations, enhance local experiences, and foster a

strong sense of identity. The case studies will include urban, suburban, rural, and college campus settings, showcasing exemplary projects that have successfully integrated architecture with the surrounding context, culture, and community.

HSW: Yes

Presenter(s): Lauren Miller, AIA, Architectural Design Manager, WSA
Paige Schmeling, AIA, Project Manager, WSA

10:00-11:00 a.m. – Breakout Sessions

Title: AIA National's 2018 Code of Ethics & Professional Conduct that Addresses Sexual Harassment, Equity, Sustainability, and the Updates to the 2020 Current Code Revisions

This program will address both the 2018 AIA Code of Ethics & Professional Conduct changes that addressed sexual harassment, equity and sustainability, and as an update, the significant changes that have been made to the current code, including the new statement on the "Professional Standard of Care," the General Obligations (Canon I), the Obligations to the Public (Canon II), and the continued changes that addresses the Obligations to the Environment (Canon VI).

HSW: Yes

Presenter(s): Eric Pempus, FAIA, Esq., NCARB, Risk Manager and Adjunct Professor of Architecture, DesignPro Insurance Group and Kent State University College of Architecture & Environmental Design

Title: Architectural Placemaking at Paramount Square: Redefining and Revitalizing an Entire City Block for a 21st Century Community

Paramount Square is a transformative, visionary project that takes an entire vacant and derelict city block in the Walnut Hill neighborhood of Cincinnati and reimagines it for 21st century living. Combining the historic rehabilitations of an iconic Art Deco building and a Dutch Colonial Revival residential building, new affordable and work-force housing, market-rate housing, and retail / restaurant space, the program components are designed to work harmoniously to reignite a sense of vitality and community for the residents of this historic Cincinnati neighborhood. This program will touch on multiple forms of residential design, designing for civic engagement and community stakeholders, and adaptive historic rehabilitation and reuse. The presentation will also cover how creative responses to programming considerations and complementary design of buildings with diverse functions and users, help the entire project cohere and serve the larger community.

HSW: Yes

Presenter(s): Graham Kalbli, AIA, LEED AP, Principal, New Republic Architecture

Title: **Getting to Net-Zero Energy Before the RFP**

This session will be presented by an Indiana-based architect and a Nebraska-based energy modeler - not your usual suspects for a zero-net energy discussion - and this is key to the value of this session. The profession needs to advance high-performance in challenging markets and climate regions. The speakers will describe the top five considerations that should be evaluated for every zero-net energy project during the pre-RFP process. Then, the speakers will explain how to set a meaningful energy target on a proposed project - which is critical to achieving zero-net energy. Finally, the speakers will identify the crucial design decisions that make (or break) the potential for zero-net energy. In the spirit of the integrative process, at key points during the session, the audience will be prompted to participate in real-time performance modeling decision-making using cloud-based building energy modeling tools.

HSW: No

Presenter(s): Amanda Bogner, PE, BEMP, President, Energy Studio, Inc.

Daniel Overbey, AIA, Director of Sustainability / Assistant Professor, Browning Day / Ball State University

Title: **Experience Master Planning: Storytelling in Physical Spaces**

Experience designers work with architects to tell stories in physical spaces. Experience Master Planning views spaces holistically. This program features Experience Master Plan strategies and techniques, exploring emotional journeys and storytelling opportunities at every scale. Discussion will include the importance of story and emotion in physical spaces, in service of education, organizational pride, employee honor, and more. The program will be supported by case studies from The Australian Centre for the Moving Image, Centene Corporation, and New York Life, and more.

HSW: Yes

Presenter(s): Mark Harris, Experience Strategist, Mark Harris

Alberto Scirocco, , Creative Director, leftchannel

11:30 a.m.-12:30 p.m. – Keynote Speaker

Title: **TBD**

Description

Presenters: TBD

12:30 p.m. – Pick up Grab and Go Lunch

1:00-4:00 p.m. – Conference Tours

Title: **Weinland Park Tour**

Tour stops will prompt conversations on the disenfranchised community; historical reuse; local action and service; nonprofit arts and community work; LGBTQIA+ and POC spaces

Title: **Franklinton Tour**

Tour stops will prompt conversations on the disenfranchised community under rapid development; actively combating gentrification (displacement of franklinton residents); historic reuse projects; community arts and sciences programming; new forms of work

Title: **Downtown Tour**

Tour stops will prompt conversations on downtown revitalization; historic reuse; office spaces (new forms of work); hospitality; innovative tower construction

Title: **Brewery District Tour**

Tour stops will prompt conversations on the German village community history; historical reuse projects; community non-profit arts and performance spaces; sustainable, low-carbon, and renewable strategies; resilient landscapes and riverways

Title: **OSU Tour**

Tour stops will prompt conversations on university master planning; net-positive and sustainable building; university research lab and academic facilities; healthcare facilities; all 3 projects at varying stages of completion

6:00-8:00 p.m. – Event with our Sponsors

Title: **LUs and Brews**

Join us at Wolf's Ridge Brewing for this fun event that includes dinner, drinks, and CE! Participants choose to visit with different sponsors during the two-hour event, for 15 minutes at a time, earning a nano CE credit and a 4 oz. pour from Wolf's Ridge with each visit. It's a win-win!

8:00-10:00 p.m. – Optional Gathering

Title: **AfterParty**

Conference attendees are encouraged to head down the block and check out Pins Mechanical. With outdoor patios, an indoor bar and TVs, and games galore, this is a great spot to keep the party going and reconnect with colleagues.

Tuesday, Sept. 12, 2023

8:00-9:30 a.m. – Keynote Speaker

Title: **TBD**

Description TBD

Presenter(s): TBD

10:00-11:15 a.m. – Breakout Sessions

Title: **The Architect's Role in Equitable Communities**

Equity and building equitable communities is both timely and critical to the future of our nation. By addressing the societal challenges we face in a world where opportunity may not be evenly available to all communities, the presentation will include definitions, action items, tools and examples to engage the audience and offer pathways beneficial to all concerned. These will look at how we 1. understand and describe the terminology of equity; 2. build our practices to be a force for good in the community; 3. recognize the role the built environment plays in shaping engagement; 4. deploy tools to enable both architects and community members to work together; and 5. provide examples of implementation.

HSW: Yes

Presenter(s): Judson Kline, FAIA, President, CIVITAD Services, LLC

Title: **Bridging the Generational Gap: Fostering Collaboration and Growth in Architecture through Design Tools and Communication**

This presentation addresses the generational gap between seasoned architects and young professionals, emphasizing the importance of bridging this divide for mutual growth and development. The focus will be on leveraging various design tools and effective communication methods to create a harmonious and collaborative design environment.

The presenters, three architects/designers with diverse backgrounds, will explore the role of Revit as a powerful design tool and highlight the essential knowledge seasoned architects need to engage with it effectively. Furthermore, the presentation will delve into the role of Bluebeam as a tool for document checking and distribution. Lastly, the presenters will touch upon

effective communication practices, emphasizing the potential of email, MS Teams, and other communication tools for efficient project management.

Join us for an engaging discussion where the presenters will share their experiences and lessons learned while working together, providing valuable insights into fostering collaboration and growth across generational boundaries in the architecture profession.

HSW: No

Presenter(s): Peter Marks, Project Architect, Stantec
Stephanie Holohan, Architectural Designer, Stantec
Phil Vargas, Architectural Designer, Stantec

Title: CARBON-LESS CITIES: Carbon Capture Systems within Architecture

On September 8, 2021 the Orka Plant [meaning 'energy'] became the world's largest Carbon Capture Utilization and Storage [CCUS] facility operating in the world, capturing an estimated 40,000 tons of CO₂ annually. One of the fastest growing industries both nationwide and internationally, CCUS facilities are expected to capture 40 megatons of CO₂ in 2023 alone. While a modest amount compared to the 40 gigatons of carbon emitted annually, the industry is burgeoning. By 2030 it is estimated the amount of carbon captured annually will increase by 450%.

This presentation will address how emerging carbon capture technologies can be integrated within architecture. Beyond traditional sustainable approaches, carbon capture is a unique and new technology that can be both part of a building's system, and contribute to its formal characteristics. This presentation will demonstrate strategies architects can employ throughout the design process to embed CCUS into various building types.

Drawing from Raynar Benham Theory and Design in the First Machine Age, and Howard Herzog's Carbon Capture, the presentation will present case studies and strategies for how carbon capture systems operate.

HSW: Yes

Presenter(s): Matthew Teismann, AIA, NCARB, President, MKC Architects
Jennifer Rufener, Project Designer, MKC Architects

Title: AI and the (un)foreseeable Future of the Profession

AI changes everything - for better and/or worse. If the architectural profession is not an early and critical adopter of AI, others will fill the gap. The session will provide a backdrop of possibilities and concerns stemming from the state of the art of AI and open the floor for speculation on its best and worst potential within and as a threat to the profession. The session will reveal how AI tech transfer from other industries can impact practice and project

management as well as the various stages of design, construction, and their results. The question is not merely how, but who will adopt and harness these technologies for good? How can architectural professionals intelligently harness AI to create greater value for clients and society, expand productivity and capacity with critical awareness of and checks against the pitfalls and dangers of an increasingly pervasive yet imperfect tool? The great potential to do harm and to do good calls for clarion attention to its adoption in both experimental and practical ways, its continual assessment, validation, and measured use.

HSW: Yes

Presenter(s): Mark Mistur, Dean, Kent State University

11:45 a.m.-1:00 p.m. – Breakout Sessions

Title: A.I. & Architecture's HSW of the Public-a Case Study of the First Fatality Involving Tesla with Autopilot Engaged

The more we live with Artificial Intelligence (A.I.), the more we have to be on high alert. A case study of the first fatality of a Tesla with Autopilot engaged transcends all industries with emerging technologies, including architecture. Today's presenters offer two differing perspectives on how to move forward. We may need to pause, slow down or speed up. This program's case study illustrates the shared challenges for all emerging technologies.

A reasonable timeframe to expect laws, ethics and the insurance industry to educate themselves on emerging technologies, may be too late to put regulations in place. This program will explore the architectural implications furthering the public's health safety and welfare.

HSW: Yes

Presenter(s): Eric Pempus, FAIA, Esq., NCARB, Risk Manager/Professor of Architecture, DesignPro Insurance Group and Kent State University CAED
Amanda Lee, RA, MBA, Corporate Real Estate Professional, Applied Industrial Technologies

Title: How to Make Friends and Influence Firms: A Review of the AIA Ohio Early Professional Friendly Firms

During this session, the presenters will share findings from the past two years of submissions of the Early Professional Friendly Firm (EPFF) program and provide potential answers to the following question: What makes a firm a great place to work for early professionals?

The EPFF program's goal is to celebrate firms who offer exceptional support and opportunities for their early professionals. It is intended to foster dialogue within firms across the state with the objective of creating new policies and practices that promote innovation, development, and progressive workplaces for the future members of the profession.

HSW: No

Presenter(s): Alexandra Oetzel, AIA, NCARB, LEED AP BD+C, Project Architect, Moody Nolan
Gwendolyn Frank, AIA, Project Architect, Perspectus

Title: Rethinking Ohio Schools: Designing for Performance

As the national leader in zero energy K12 schools, high performance design philosophy is simple: first achieve drastic energy savings, then consider options for renewable energy. Join CMTA's Wyatt Ross, Building Science Engineer and member of ASHRAE Task Force for Building Decarbonization, as he inspires design professionals to rethink design. His philosophy informs processes with impactful strategies to improve our environment and facilities, while keeping budgets and wellness in mind. You will explore net zero energy schools, why these schools matter, and how zero energy is truly possible through your design efforts for your client.

HSW: Yes

Presenter(s): Wyatt Ross, EIT, LEED GA, CEM, Building Sciences Engineer, CMTA, Inc.

Title: Harmoniscapes: Composition through affect, Acoustikinectic Architecture, and Soundscapes in Public Space

The acoustic environment found within the urban context has progressively filled with noise since the introduction of technology to the city. By analyzing the acoustic quality of public spaces, a deeper understanding of the greater sensorial environment begins to take hold. Applying the concepts of musical tone to define and understand tonal quality, an analysis of existing sound in space begins the process of redesign and furthered comprehension. This starting point through real-world application of on-site recording is then expanded upon to define frequencies that are perceived as noise and frequencies in the environment that bare an initial tonal quality.

HSW: Yes

Presenter(s): Maxwell Hentosh, Project Leader, MKC Architects

1:00-4:00 p.m. – Board Meeting

Title: AIA Ohio Board of Directors Meeting

The AIA Ohio Board of Directors will meet following the Conference events.