

2024 Tech Conference

Process Innovations:
**Harnessing Technology for
Human-Centric Design**

Friday, March 1, 2024

8:00 am – 4:00 pm PST
TAP Committee

Hosted by

IHED

550 SOUTH HOPE STREET SUITE 2500

Presented by

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2024 Tech Conference

Process Innovations:
Harnessing Technology for
Human-Centric Design

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2024 Technology Conference

Process Innovations:

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The Architects, Engineers, Construction and Owners (AECO) industry is at a critical juncture, facing the dual challenges of resource scarcity and sustainability.

As we grapple with these challenges, it is imperative that we find new and innovative ways to design, construct, and operate buildings. Technology is playing an increasingly important role in addressing these challenges.

Artificial intelligence (AI), data analytics, and Industrialized construction are just a few of the emerging technologies that are transforming the AECO industry. These technologies are enabling us to design buildings that are more efficient, sustainable, and resilient.

This conference will bring together leaders from the AECO industry to explore how technology can be used to create a more sustainable and resilient future for the built environment.

SPEAKERS



Matt Menendez
Dahlin Architecture



Kevin Finch
CalPoly Pomona



Karen Compton
A3K Consulting, LLC



M. Casey Rehm
Studio MMR
SCI-Arc



Paul Chavez
Arup



Krai Charuwatsuntorn
CSULB



**Professor
Heather Barker**
Assoc. AIA
CSULB



Brian Fraumeni
Gensler



Clarissa Urquico, AIA
HED



Kathleen Hetrick
Buro Happold



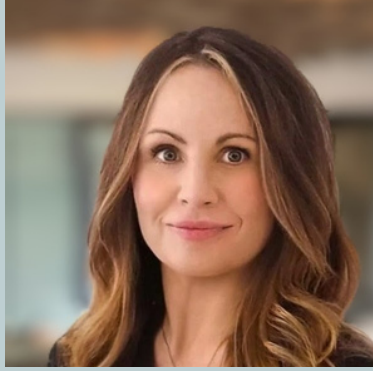
Thelsa Collier
Intl. Assoc. AIA
HNTB



Rishabh Singhvi
Saiful Bouquet



Laura Karnath
Walter P Moore



Aschley Yanda
Urban Machine



Roan Isaku, AIA
NCARB
HED



Natalie Roe
WELL AP
HED



Sharon Woodworth
FAIA, ACHA, EDAC,
LEED AP
HED



Zigmund Rubel, FAIA
Forsight digital



Ian Keogh
CEO & Founder
Hypar



Peter Devereaux,
FAIA, LEED AP
Innovation Design
Consortium



Tadeh Hakopian
BIM Program
Manager



Enoch Chow, RA,
NCARB
Suffolk Construction



Dawn Bridges
U.S. CAD



Kerenza Harris
Morphosis Architects



Ruquia Akter
Stantec



Brendan Mullins
Stantec



Ron Smith
Affiliate AIA|LA
IMAGINiT



Yu-Ming Wei, AIA
Principal | Sector
Operations Leader -
Housing and Mixed
Use, HED



Chava Danielson, AIA
DSH // architecture

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PROGRAM

Meet/Greet/Coffee and Networking: 8:00A-8:30A

Vice-President's Address, Welcome: 8:30A-8:45A

Chava Danielson, AIA – Principal, DSH Architecture

Yu-Ming Wei, AIA, Principal | Sector Operations Leader – Housing and Mixed Use, HED

Brian Skowvron, Assoc. AIA – Director of Technology, Gruen Associates

Session 1: 8:45A-9:30A Presentation

Parametric Evolution:

Integrating AI Image Generation with Computational Design

Brendan Mullins – Regional Digital Delivery Lead, Stantec

Ruquia Akter – Designer, Stantec

Session 2: 9:35A-10:20A Panel

Technology: Bridge between Practice and Academia

Moderator – Heather Barker, Assoc. AIA – AIA|LA Brd. of Dir. Academic Liaison, CSULB

Krai Charuwatsunthorn – Lecturer, CSULB

Paul Chavez – Associate, Arup

Kerenza Harris, Director of Design Technology, Assoc. Principal, Morphosis

10:20A: Break

Session 3: 10:40A-11:25A Presentation

AI In Architecture

Matt Menendez – Sports Venue Designer | Tech Futurist, Dahlin Architecture

Session 4: 11:35A-12:20P Panel

What Can Architecture Learn From The Writer's Guild & SAG-AFTRA?

Moderator – Karen Compton – Principal, A3K Consulting, LLC

Kevin Finch – Lecturer, CalPoly Pomona

M. Casey Rehm – Partner, Studio MMR, SCI-Arc

Lunch 12:20P-1:40P

1:00P-2:00P: Exhibitions/Interactives

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PROGRAM

Breakout 1: 2P-2:45P Panel

Tech-Driven Innovations for Sustainable Futures

Thesla Collier, Int'l Assoc. AIA – Design Technology Manager, HNTB

Laura Karnath, AIA – Senior Enclosure Consultant, Walter P Moore

Rishabh Singhvi – Sr. Project Engineer and Director of Sustainability, Saiful Bouquet

Kathleen Hetrick – Associate, Buro Happold, Bloomberg Fellow

Aschley Yanda – Director of Sales, Urban Machine

Brian Fraumeni, Design Director and Senior Associate, Gensler

Breakout 2: 2P-2:45P Presentation

Generative Planning – Bringing Clients More Value in Less Time

Roan Isaku, AIA, NCARB – Associate | Practice Technology Leader, HED

Natalie Roe, Well AP – Interior Designer / Jr. Medical Planner, HED

Sharon Woodworth, FAIA, ACHA, EDAC, LEED AP – Associate Principal, HED

Clarissa Urquico, AIA – Associate, HED

Zigmund Rubel, FAIA – CEO, Forsight digital

Ian Keogh, CEO and Founder, Hypar

Breakout 3: 2:50P-3:35P Presentation

Innovation Design Consortium

Peter Devereaux, FAIA, LEED AP – Chair of the Board, Innovation Design Consortium

Breakout 4: 2:50P-3:35P Panel

How to Deliver the Right Stuff for Mission Critical Projects

Tadeh Hakopian – BIM Program Manager

Enoch Chow, RA, NCARB – Director, Digital Engineering, Suffolk Construction

Dawn Bridges – Vice President of Professional Services, U.S. CAD

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PRACTICE COMMITTEE

EXECUTIVE

Michael Chang, AIA - Studio Principal of SSG, AC Martin

Brian Skowvron, Assoc. AIA - Director of Technology, Gruen Associates

Lauren Coles, AIA - Associate Principal, CO Architects

PLANNING

Ruquia Akter, Sr. Designer, Architecture | Science & Technology, Stantec

Thesla Collier, Intl. Assoc. AIA - Design Technology Manager, HNTB

Sam Keville, Studio BIM Leader, NBBJ

Nicole Buhles, Associate | Practice Technology Leader, HED

Baharak Yazdi, Project Coordinator II, AC Martin

VOLUNTEERS

Melvin Williams III, Assoc. AIA - Regional Practice Technology Leader, HKS

Palav Patel, Assoc. AIA - Design Staff II, Lamar Johnson Collaborative

Josh Weiss, Director of Operations, Logic Technology Consulting Group

Alex Ault, Senior BIM Specialist, Jaros, Baum & Bolles

Keong Ng, AIA - Architectural Designer & Senior Associate, RBB Architects