

## 2020 Architecture & Engineering Meeting

September 15–17 | Virtual

DAY 1 TUESDAY, SEPTEMBER 15

5:00pm ET **Keynote from Dr. Andrea Chegut, Director of MIT Real Estate Innovation Lab**

DAY 2 WEDNESDAY, SEPTEMBER 16

11:00am ET **Navigating COVID-19**

**NAREIM leader: Jerry Speltz**, Managing Director, Barings Real Estate  
**Stina Dakers**, Head of programming, NAREIM

*As businesses return to the workplace and resume or expand operations, they face a variety of COVID-19-related challenges. We will hear from experts on the latest on the virus and how it will impact the architecture and engineering industry.*

11:05am **The latest on the virus**

**Christopher Kulman PhD**, Project Toxicologist, CTEH

- Learn the latest on COVID-19 including disinfecting protocols and emergency response planning.

12:00pm **Break**

12:15pm **Impact on engineering in the era of Covid**

**Larry Schoen**, Principal Engineer, Schoen Engineering

12:50pm **Afternoon break**

2:00pm ET **Future of office and residential**

**NAREIM leader: Chris Wilson**, Managing Director, LaSalle Investment Management

*This is a time of profound change in how design supports office and residential in all varied forms. Building codes may dictate some changes, while the latter may affect more of the design and functionality of work and living spaces. Will health and wellness trends accelerate what was already occurring in the market?*

2:05pm **The office of the future**

**Duncan Lyons**, Design Director, Gensler, and **Ian Zapata**, Design Director, Gensler

- Long-term trend changes; some of which the pandemic has accelerated
- Vertical transportation
- Flexible office concepts
- Fresh air, amenities, light, outdoor space
- Mobility, flexibility
- Changes in usage metrics
- New BOMA standards
- Repurposing our existing building stock
- New design of the future
- How to think about Office five years from now?

2:50pm **Networking break**

3:00pm **Welcome back comments**

**NAREIM leader: Jeff Fraulino**, Executive Director, UBS Global Asset Management

3:05pm **The future of residential**

**Walter Hughes**, Chief Innovation Officer & Vice President, Humphreys & Partners Architects

- Post-Covid: residential impact
- The apartment of the future
- The future of live, work, play
- New trends in technology in multifamily as the market evolves
- Drone interface
- Wind power, sustainability
- Changes in transportation and the impact on residential
- Urban mobility, Uber's Mega Skyports
- Changes in parking garages, what is next?
- Sustainability
- Affordability: how to deliver more efficient projects, higher density at lower cost
- Innovation in multi-family typologies: Estaks, StakHouse, Micro Units, Workforce Housing

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<b>DAY 2</b>		<b>WEDNESDAY, SEPTEMBER 16</b> <i>continued</i>
<b>4:00pm</b>	<b>Peer networking</b>	
	<i>Welcome comments</i>	
	<b>Format:</b> Small group breakouts, randomly rotated after 20 minutes	
	<b>BYOB:</b> Bring your own beverage and join members to discuss Day Two's focus on the future of residential and office post-Covid.	

<b>DAY 3</b>		<b>THURSDAY, SEPTEMBER 17</b>
<b>11:00am ET</b>	<b>From healthy buildings to smart business — using technology to reduce risk and enhance project value</b>	
	<b>NAREIM leader: Tony Calderone</b> , Director, Engineering & Construction, Nuveen <i>Technology can be a useful tool for managing risk and improving occupant experience, but knowing which tools to use and how to implement them is still a big hurdle for many owners and design firms. We will explore emerging service and system solutions to help firms deliver healthy environments that restore confidence in shared spaces, reduce risks from future stressors and increase the ROI of assets.</i>	
<b>11:10am</b>	<i>Included presentations:</i>	
	<b>HVAC tools and strategies to balance wellness and energy performance</b>	
	<b>Smart building technologies for healthy buildings</b>	
	<b>Digital twins and enhancing building performance</b>	
	<b>Mark Walsh-Cooke</b> , Principal, ARUP	
	<b>Gideon D'Arcangelo</b> , Associate Principal, ARUP	
	<b>Fiona Cousins</b> , Principal, ARUP	
<b>1:00pm</b>	<i>Afternoon break</i>	
<b>2:00pm ET</b>	<b>Technologies to do our jobs better</b>	
	<b>NAREIM leader: Brian Bennett</b> , Director, Northwestern Mutual <i>As the construction industry continues to evolve, more and more companies today are looking to maximize their usage of technology and get the most out of their software solutions.</i>	
<b>2:05pm</b>	<b>Explore and view case studies from Built, a cloud-based construction management software</b>	
	<b>Jim Fraser</b> , Director, CRE Strategy, Built	
	<b>Tyler Matheny</b> , Solutions Engineer, Built	
<b>4:00pm</b>	<b>Peer networking</b>	
	<i>Welcome comments</i>	
	<b>Format:</b> Small group breakouts, randomly rotated after 20-minutes	
	<b>BYOB:</b> Bring your own beverage and join other members to discuss Day Three's focus on technology within the built environment.	

### 2020 PLANNING COMMITTEE MEMBERS

**Anne Peck** AEW Capital Management

**Jerry Speltz** Barings Real Estate

**Steven Majich** BentallGreenOak

**Charlotte Helvestine** Carbon Lighthouse

**Jim Kennedy** JPMorgan

**Chris Wilson** LaSalle Investment Management

**Brian Bennett** Northwestern Mutual

**Tony Calderone** Nuveen Real Estate (Chair)

**Beh Herter** Nuveen Real Estate

**Jeff Fraulino** UBS Global Asset Management