

2024 NE QUAD CONFERENCE BID

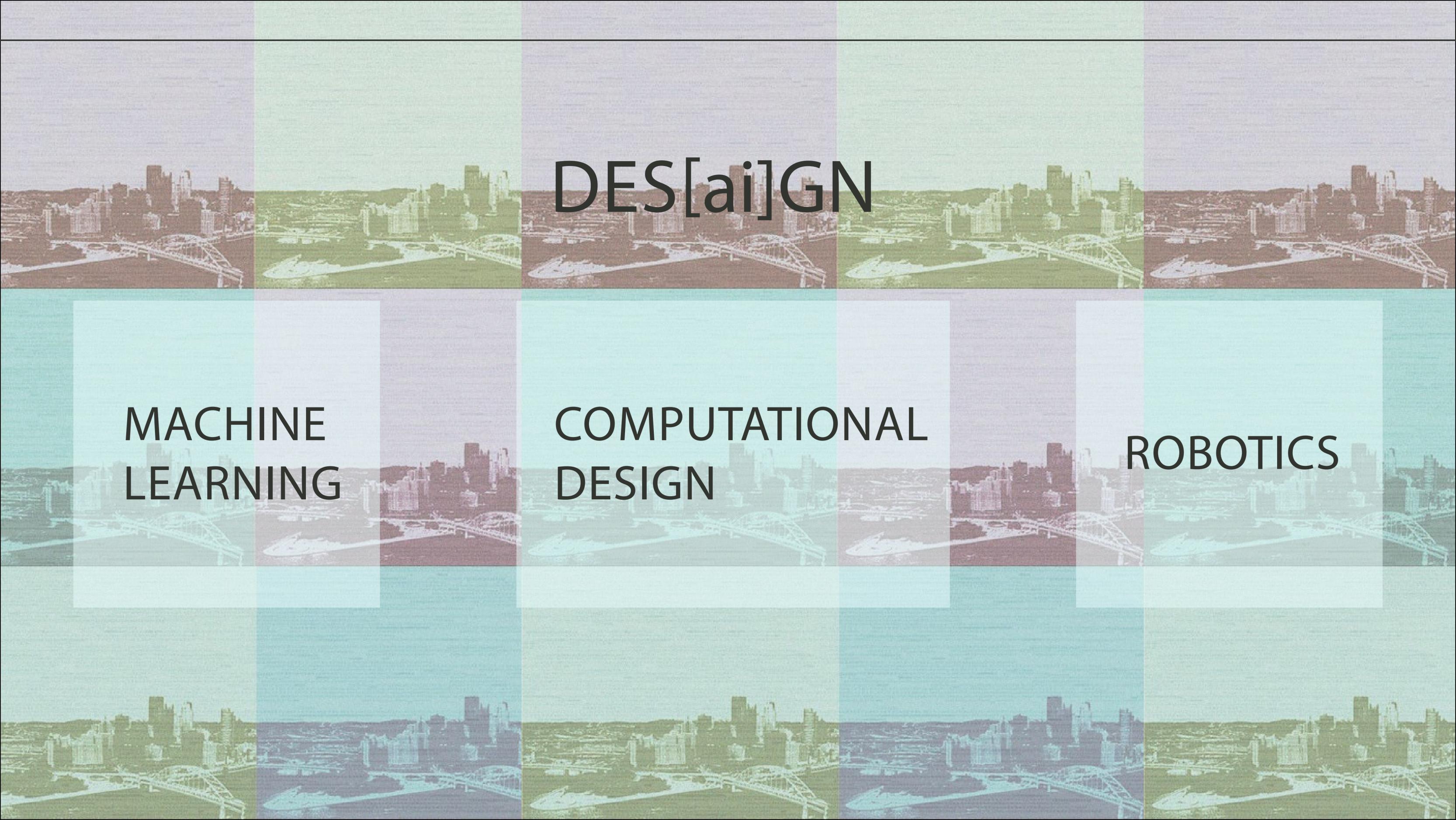


AIAS
CARNEGIE MELLON
UNIVERSITY

PITTSBURGH, PA

OCT 10-13

photo: @fott_trick 412

The background of the entire slide is a grid of 20 squares (4 rows by 5 columns). Each square contains a different color-tinted version of an aerial photograph of Pittsburgh, showing the city skyline and the bridges over the Allegheny River. The colors transition from purple in the top-left to green in the top-right, and from teal in the bottom-left to blue in the bottom-right.

DES[ai]GN

MACHINE
LEARNING

COMPUTATIONAL
DESIGN

ROBOTICS



THEME:

DES[ai]GN

Carnegie Mellon is the place where Artificial Intelligence (AI) was invented more than half a century ago, giving us an obligation to explore and expand its new frontiers. The theme of AI in design recognizes the city of Pittsburgh’s historical significance as an industrial powerhouse and its current aspirations to reinvent itself as a hub of innovation and technology. By highlighting the intersection of AI and architecture, we will delve into how AI is reshaping the design process, urban planning, and construction practices, ultimately influencing the architectural renaissance of Pittsburgh and beyond. DES[AI]GN will provide attendees with a comprehensive understanding of how AI is revolutionizing the architectural field and its impact on Pittsburgh’s urban fabric. By exploring the intersections of technology, design, and culture, we aim to inspire and empower architects, urban planners, and AI enthusiasts to shape a future where AI-driven architecture enhances the city’s livability, sustainability, and cultural vibrancy.

THURSDAY

10

FRIDAY

11

SATURDAY

12

SUNDAY

13

*DESIGN PITT

*BEAUX ARTS BALL



SCHEDULE

	THURS, OCT 10	FRI, OCT 11	SAT, OCT 12	SUN, OCT 13
9AM				
10AM		TOURS	CAREER EXPO	COUNCIL OF PRESIDENTS CHECK-OUT
11AM				
12PM				
1PM		TOURS/ PANEL	TOURS/ WORKSHOP	
2PM				
3PM				
4PM	CHECK-IN	GENERAL SESSION		
5PM		KEYNOTE SPEAKER B	CLOSING CEREMONY	
6PM			KEYNOTE SPEAKER C	
7PM	WELCOME RECEPTION	DESIGN PITTSBURGH		
8PM	KEYNOTE SPEAKER A			
9PM	OPTIONAL SOCIAL EVENT: THE INCLINE	OPTIONAL GALLERY CRAWL IN CULTURAL DISTRICT	BEAUX ARTS BALL	
10PM				
11PM				

KEYNOTE SPEAKERS



MADELINE GANNON

DR. MADELINE GANNON IS A CMU ALUM AND THE LEADER OF A RESEARCH STUDIO AND INNOVATION LAB THAT DESIGNS IN A MULTIDISCIPLINARY WAY THAT BLENDS ART WITH COMPUTER SCIENCE AND ROBOTICS. SHE IS KNOWN AS ONE OF THE 'TOP 10 WOMEN IN ROBOTICS INDUSTRY' BY ANALYTICS INSIGHT AND AIMSTO FORGE NEW FUTURES FOR HUMAN-ROBOT RELATIONS.



LEAH WULFMAN

LEAH WULFMAN USES HER ARCHITECTURAL TRAINING TO ASSEMBLE HYBRID VIRTUAL AND PHYSICAL SPACES THROUGH MIXED-REALITY INSTALLATIONS THAT EMPHASIZE THE PHYSICAL, MATERIAL BASE OF THE DIGITAL WORLD. THEY ARE ALSO WORKING ON GAMIFIED ENVIRONMENTS, INTERACTIONS AND MATERIALS THROUGH A RESEARCH SERIES. PH



MATIAS DEL CAMPO

WHILE ALSO AN ASSOCIATE PROFESSOR AT THE UNIVERSITY OF MICHIGAN, DR. MATIAS DEL CAMPO IS THE DIRECTOR OF THE ARCHITECTURE AND ARTIFICIAL INTELLIGENCE LAB AT UOM, RESEARCHING THE APPLICATION OF AI TECHNIQUES IN ARCHITECTURE. HE IS ALSO THE FOUNDER OF THE AWARD-WINNING ARCHITECTURE PRACTICE "SPAN."

TOURS/WORKSHOPS

FRIDAY, OCT 11

MORNING SESSION

FIRM CRAWL A:
BOHLINCZYNSKI JACKSON (BCJ)
STRADA

FIRM CRAWL B:
PERKINS EASTMAN
IRM

ART TOUR:
THE CARNEGIE MUSEUM OF ART*

SUSTAINABILITY TOUR:
PHIPPS BOTANICAL GARDENS*

SATURDAY, OCT 12

MORNING SESSION

CAREER EXPO

AFTERNOON SESSION

FIRM CRAWL A:
BOHLINCZYNSKI JACKSON (BCJ)
STRADA

FIRM CRAWL B:
PERKINS EASTMAN
IRM

ART TOUR:
THE MATTRESS FACTORY*

MACHINE LEARNING IN DESIGN
PANEL AND Q&A
© ODU STUDIO OF CREATIVE INDUSTRY*

AFTERNOON SESSION

BRIDGE TOUR:
WALKING TOUR

SCIENCE TOUR:
CARNEGIE SCIENCE CENTER*

HEINZ HISTORY TOUR:
HEINZ HISTORY CENTER

COMPUTATIONAL DESIGN
WORKSHOP
© ODU ROBOTICS LAB*



MAIN EVENTS



DESIGN PITTSBURGH

"Design Pittsburgh is a celebration of architecture and design, and honors those who create it. A signature program of AIA Pittsburgh, Design Pittsburgh highlights outstanding architecture and design in the Pittsburgh region. Held annually, Design Pittsburgh features an architectural design exhibition, a juried Design Awards competition, and public voting opportunity for the coveted People's Choice Award.

Design Pittsburgh raises the profile of architects as critical resources and industry experts in the Pittsburgh region. Through collaboration, this program provides excellent exposure of architects' and industry professionals' work to a wide variety of audiences – including potential clients and customers. It highlights the importance of good design in our region – and how our members, sponsors, partners, and the public support and promote the value of architecture and design in the places that we work, live, and play."

BEAUX ARTS BALL

A CMU alum, Andy Warhol was a leading figure of the pop art movement. The Warhol, a museum dedicated solely to him, and the largest museum in the world dedicated to a single artist, will be the location of our Beaux Arts Ball. The guests will be able to walk the collection of art pieces on the upper floors during the event.

KIMPTON HOTEL MONACO

Hotel Monaco is in a prime location in downtown Pittsburgh, just a few minutes walk away from most of our locations. They even offer bikes for the guests to use to travel around the city! This adaptive reuse of the 1903 Beaux Arts James H. Reed building is vibrant, whimsical, with the original exterior still intact. This building highlights the city of Pittsburgh's industrial style and emphasis on art and culture.



GENERAL SESSION VENUE

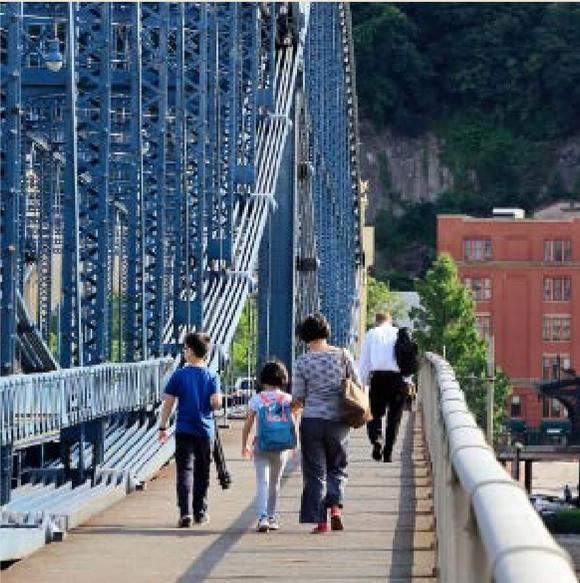
The Kimpton Hotel Monaco has a variety of conference rooms available for the general sessions. Having the flexibility of a meeting space in the hotel is vital for providing attendees the chance to rest between activities, change clothes if needed, and return to a common area.



NAVIGATING PITTSBURGH



BIKE FRIENDLY AND RENTALS



PEDESTRIAN FRIENDLY



PORT AUTHORITY

VIDEO



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