Training Today's Workforce for Technologies of Tomorrow

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The Robotics Academy Summit

The Robotic Academy Summit has been organized to launch the Project's research phase. The one-day summit will feature four keynote speakers — industry leading business owners who are noted analysts of automation and AI technologies across the global economy. The Summit's focus is on its invited industry collaborators and partners — business firms across the AEC cluster, including large and small firms, and a cross-section of businesses who have adopted, or not yet adopted, automated systems into their business practice.

The Summit is a high-level, focused exchange aimed at:

- Examining the state of the field, industry, and automation application across the global economy
- A presentation and discussion of new automation and AI opportunities and challenges in the AEC cluster
- Presenting the shared experience of the keynote speakers in their path to adoption and application of new automation and AI technologies
- An in-depth discourse between the industry partner invitees, addressing their different experiences, perspectives, and challenges faced by business who have adopted new AI and advanced automation technologies in their business practice, and those who have not.

A key goal of the Summit is to establish working relationships between the Project team and a broad group of industry partners. It calls interested businesses to participate in the Project as expert advisors, future focus groups, and to test the Project's software products as they are developed. In exchange for participating in the Project, industry partners will receive early access to the Project's industry reports, training software, and a business specific opportunity analysis.

The Robotics Academy Summit

8:30 - 9:00 AM	Breakfast
9:00 – 9:10 AM	Welcome Remarks
9:10 – 9:30 AM	Overview of the Preparing the Future Workforce of Architecture, Engineering, and Construction for Automation and Robotic Processes Project
9:30 AM - 12:00 PM	Keynote Industry Leader Presentations (35 minutes each)

Each Keynote Industry leader has been chosen
because of their leading position as an early adopter and prompter of automated technology in each of their businesses, and contributions to understanding the current state and future of technology adoption in their respective industries. The Keynote presenters will address four crucial questions: 1) the state of technology adoption across the AEC industries cluster, 2) best practices in adaptation of automation technology across the US, 3) their personal experience and lessons learned, including challenges they have overcome, costs incurred, and business successes, and 4) new opportunities and challenges aiding or hurting the competitive position of AEC businesses relative to new technology.

12:00 PM - 1:00 PM	Question and Answer from the Invited Industry Partners
1:00 PM - 1:30 PM	Networking Lunch
1:30 PM - 3:00 PM	Moderated Focus Group Discussion
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Invitees will participate in a moderated focus group discussion, aimed at sharing their perspectives on the opportunities and challenges of competing in a more automated AEC industry environment. The focus group discussion will ask the audience members to address three questions:

1) After hearing the keynote presenters, what is your perception on adopting automated or AI technologies — is it an immediate priority to stay competitive in your industry, or a longer-term strategy?
2) For those guests who have adopted new automated technology, what motivated you to make the investment, and what has been your experience, including largest unanticipated costs, did your staffing requirements change, and if so, were you able to fill them with local talent?
3) For those that have not adopted automated technology, why not — availability of technology to meet your needs, cost, or not a competitive requirement at this date?
4) Has today's discussion provided you with new information on automated and AI technology application in your industry, has it changed your perspective on the need to automate to compete, or has it persuaded you to accelerate an investment in automation or AI in your business?

The Focus Group discussion will be moderated by Kevin Greiner, UrbanCentric Analytics and Senior Fellow, the FIU Jorge M. Perez Metropolitan Center.

3:00 PM	Closing and Industry Partner Participation Invitation