



CURT Technology & Solutions Summit Agenda*

Wednesday, September 14, 2022 | Carpenters International Training Center | Las Vegas, Nevada
Sponsored by The United Brotherhood of Carpenters and NCCER

Pacific Daylight Time:

- 7:00 – 7:45 AM **Complimentary Breakfast at Summit Hotel - Homewood Suites by Hilton Las Vegas Airport**
- 8:00 – 8:15 AM **Welcome**
James Boileau, Risk Engineering Director of Construction, Zurich North America and Co-Chair of CURT Technology & Productivity Committee
- 8:15 – 9:15 AM **The Leadership Toolbox for Technology Implementation & Adoption**
Kenn Sullivan, Professor, School of Sustainable Engineering and the Built Environment, Arizona State University

Technological innovation is coming at an increasing pace. Beyond just finding and selecting the right solutions and new approaches that become available, Use and Contractor Leaders must also be able to successfully adopt and integrate these new tools and processes within their organizations, people, and business units. This session will provide the best leadership approaches to implementing new software and technologies within an organization. Key concepts taken from over 600 case studies of technology implementation and adoption will be presented. The right way to use change agents, to communicate the change, how to train, how to measure adoption, and how to minimize and manage resistance will all be discussed. Leading the adoption of innovation the right way allows the full value of a technology to be realized across the organization.

Learning Objectives

- Understand the key organizational change approaches to enhance IT implementations
- Leadership's role in successful change adoption initiatives
- How to measure change and resistance to change adoption within teams

- 9:15 – 10:15 AM **Case Study: Procter & Gamble Swiffer Project Use of Technology (Winner of the 2021 CURT Construction Industry Project Excellence Award, Less Than \$50M Category – Domestic)**
Edison Odeghe, Swiffer Technical Systems Manager and Engineering Leader, Tabler Station Plant, Procter & Gamble

Information technology, when leveraged appropriately, simplifies work processes and helps construction teams to be more productive. The

Swiffer LIPD II project installed and started-up the state-of-the-art production lines at Procter and Gamble's new Tabler Station plant over 2.5 years. The project applied information technology for its construction work by digitizing its safety program, scheduling system, logistics and asset management programs.

This session will:

- Discuss the information technology tools which helped the project deliver exceptional results
- Examine why some technology tools usage was discontinued
- Provide recommendations to get buy-in for technology usage

10:15 – 10:30 AM **Break**

10:30 – 11:30 AM **Panel Discussion: Innovations to Mitigate Supply Chain Risk**

Moderator: Pete Dumont, CEO, PrairieDog, Chief Innovation and Digitalization Officer, AG&P, Managing Director, Americas, AG&P

Panelists: Dr. Kenn Sullivan, Professor, School of Sustainable Engineering and the Built Environment, Arizona State University

Dr. Jorge Vanegas, Associate Vice President, Division of Academic and Strategic Collaborations (DASC) & Director of the Institute for Sustainable Communities (ISC), Texas A & M University

- How to become a “client of choice” to best weather the economic “perfect storm” we are facing
- How to improve relationships with your supply chain to get better teams, better quality, better productivity
- Options for augmenting the U.S. workforce shortages and assessing labor risk
- How smart contracts can be used to streamline transactions, reduce transactional waste, and reduce labor and material costs
- How neighborly behavior, such as that manifesting in the OS2 Community, is the recipe for transforming the construction industry's ecosystem

11:30 – 12:00 PM **Case Study: Fluor Project, EPC Technologies in a Hyperscale Data Center Build (Winner of the 2021 CURT Construction Industry Project Excellence Award Greater Than \$50M, But Less Than \$1B Category – International)**

Kevin Anderson, Project Mgmt – Advanced Technologies & Life Sciences, Fluor Corporation

Construction technology was a significant part of the LPP5A Hyperscale Data Center project. This presentation Covers what worked, what did not, and why.

12:00 – 1:00 PM **Lunch**

1:00 – 2:00 PM **Panel – Technology for Sustainability in Construction**

Moderator: James Boileau, Risk Engineering Director of Construction, Zurich North America and Co-Chair of CURT Technology & Productivity Committee

Panelists:

Abhishek Srivastava, Executive Director, Teknobuilt
Dale Beard, Co-founder & CEO of Intellwave Technologies, Inc.
Michael Wright, Founder & Chief Strategy Officer, RedTeam Software
Lloyd Patterson, Construction IIoT Technology Advisor, Cumulus Digital Systems

2:00 – 2:45 PM **Case Study: Merck HPV Fermentation Project Use of Technology (Winner of the CURT 2021 CURT Construction Industry Project Excellence Award \$50-500M Category – Domestic)**

David Ostermayer, Associate Director, Engineering, Merck

The Pandemic caused every project to find new ways to execute. David will examine what new technologies were used to drive success, with lessons learned on what worked and what did not.

2:45 – 3:45 PM **Technology and Solutions – Mapping the Highway Ahead**

Phil Langley, Director, Creative Technologies, Bryden Wood

Where is technology taking us in the quest to transform construction? Where could it take us? In this presentation, Phil Langley pulls together the present, the near future and the road ahead. Examining the achievable reality of technology in construction, he will not gaze into a utopian crystal ball, but by extrapolating from what is already happening on the ground and what is in visible development, he will take a real-world view on how we can best capitalize on the potential technology offers, avoid the dead ends, red herrings, and realize the benefits.

3:45 – 4:00 PM **Closing Remarks**

Register at www.curtevents.com

Upon completion of the Summit, attendees are eligible for 7 CEU/PDH hours to submit to their designated organizations (note: these organizations make the final decision on credit hours).

Contact Ronna DuBro, Director of Membership & Member Services, via email rdubro@curt.org, or phone 513-981-2773, with any questions and/or assistance needed with registration.