



AWP Conference

Houston, Texas • October 28 - 29, 2021

houston.awpconference.com

Preliminary Program: “Creating Community”

Day 1 Theme (Oct. 28): WorkFace Planning

8:00 AM	Breakfast and Check-In
9:00 AM	Opening Session: Thought leaders and subject matter experts from the day's program kick off the event and provide context for the session themes and topics.
9:30 AM	Plenary 1) Material Coordination: This panel presentation will cover topics including (but not necessarily limited to): material tracking, ownership of processes and equipment, valve management and cable management for an AWP-based project.
10:30 AM	Networking break
11:00 AM	Breakout Session 1: In-person attendees choose from one of the available one-hour sessions in the following themed breakout track rooms: 1) WorkFace Planning, 2) Front-End Planning, 3) Materials, 4) Data Management, 5) AWP and Other Productivity Initiatives. Virtual attendees and in-person attendees can also access track 6) Industry Associations & Research Initiatives, hosted in the ballroom.
12:00 PM	Lunch Break
1:00 PM	Breakout Session 2: Attend a one-hour breakout session in a themed track room.
2:00 PM	Networking Break
2:30 PM	Plenary 2) Field Planning by Discipline: This panel presentation will examine the use of models and other tools for the development of lookaheads, the value of the digital twin to field personnel and operations teams, the 3D model for visualization of data for planning and turnover purposes, and much more.
3:30 PM	Keynote 1) Contractors' WFP Case Studies: This keynote presentation will bring together key concepts from the day's theme of “WorkFace Planning”, by showcasing contractors' case studies from the field: how did WFP help execution and achieve better project results? What was valuable to the contractors in this process? What are the things that 'bogged them down' when trying to deliver?
4:30 PM	Cocktail Networking Reception

Day 2 Theme (Oct. 29): Front-End Planning

8:00 AM	Breakfast and Check-In
9:00 AM	Opening Session: Thought leaders and subject matter experts from the day's program kick off the event and provide context for the session themes and topics.
9:30 AM	Keynote 2) Using Engineering to Support Execution Success: This special keynote presentation will set the stage for the remainder of the day's topics, which will focus on front-end planning and engineering-related issues. In this session, the panelists will look at the ways in which engineering is making the change to support construction execution in an AWP environment. How do we implement AWP practices and principles in engineering, and how do we track completions? What metrics do we use for progressing?
10:30 AM	Networking break
11:00 AM	Breakout Session 3: In-person attendees choose from one of the available one-hour sessions in the following themed breakout track rooms: 1) WorkFace Planning, 2) Front-End Planning, 3) Materials, 4) Data Management, 5) AWP and Other Productivity Initiatives. Virtual attendees and in-person attendees can also access track 6: Industry Associations & Research Initiatives, hosted in the ballroom.
12:00 PM	Lunch Break
1:00 PM	Breakout Session 4: Attend a one-hour breakout session in a themed track room.
2:00 PM	Networking Break
2:30 PM	Plenary 3) Front-End Planning for Success: This session covers topics relevant to front-end planning strategy, including planning with the end in mind (and ensuring that commissioning and start-up is well-understood), constructability / the best front-end loading with or without contractor involvement (and the safety aspects) and procurement considerations (including digital twins [DDFO docs and data for operations], digital threads, data requirements, detailing and fabrications, vendor document, contract language to support the path of construction and more).
3:30 PM	Plenary 4) Transitioning from Area-Based to Systems-Based Construction: What are the nuances of transferring from an area-based to a systems-based project environment and how do you build your work packages so that this occurs in an effective and efficient manner? This session will also look at the plant breakdown structure combined with the functional breakdown structure, plus examples of virtual location / physical location coding structures.
4:30 PM	AWP Conference 2021 concludes.

Breakout Session Tracks at a Glance

(All Topics and Track Themes Based on Owner / EPC-identified 'Pain Points')

The breakout program is a key part of the AWP Conference; these are one-hour focused sessions on specific themed topics; for 2021, our "Industry Associations and Research Initiatives" track will be made available to both our in-person audience and virtual / remote attendees via internet broadcast.

1. WorkFace Planning (field-level construction productivity)
2. Front-End Planning (contract strategy, engineering, and procurement)
3. Materials (site management, procurement and 'tagging within the model')
4. Data Management (connectivity, quality, integration, integrity, architecture)
5. AWP and other productivity and technology initiatives (Lean, BIM, DfMA, and more.)
6. Industry Associations and Research Initiatives (hosted in the main ballroom, with virtual access)

2021 Executive Steering Committee and Advisory Board

The conference program is guided by an Owner-EPC Executive Steering Committee and developed in collaboration with an industry Advisory Board of representatives from top owner, engineering, construction, technology, and consulting firms. Steering committee and advisory board members are volunteers.

Executive Steering Committee:



Advisory Board:

