
Marine, Transportation & Infrastructure Track Introduction

On the road to a greener future

Matthew Miller, Marine Industry Principal

AVEVA

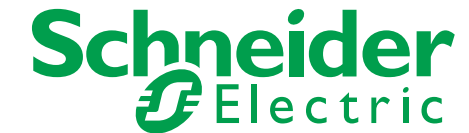


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PLATFORM FOR INDUSTRY AND HET



DOWNLOAD THE MOBILE APP

Search “Attendee Mobile” in the app store
and select “AVEVA World San Francisco 2022”

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How It Works

Step 1: Download the Fill It Forward app for free.

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SHARE YOUR EXPERIENCES ON SOCIAL MEDIA



**JOIN THE COMMUNITY
AND #AVEVAWorld**

A photograph of three men in business casual attire smiling and standing at a trade show booth. The man on the left is wearing a light blue button-down shirt. The man in the center is wearing a dark blazer over a blue shirt and has his arms crossed. The man on the right is wearing a blue shirt and a dark vest, also with his arms crossed. In the background, there is a whiteboard titled "PI System Calculation Engine" with a bulleted list: "• Replace PIACE with established product", "• Run custom code using PI data", "• Visual Studio not required", and "• View calculation metrics". Another sign in the background says "Management".

JOIN US FOR OUR EXPO DINNER EVENT TONIGHT!

5:00 – 7:30 PM

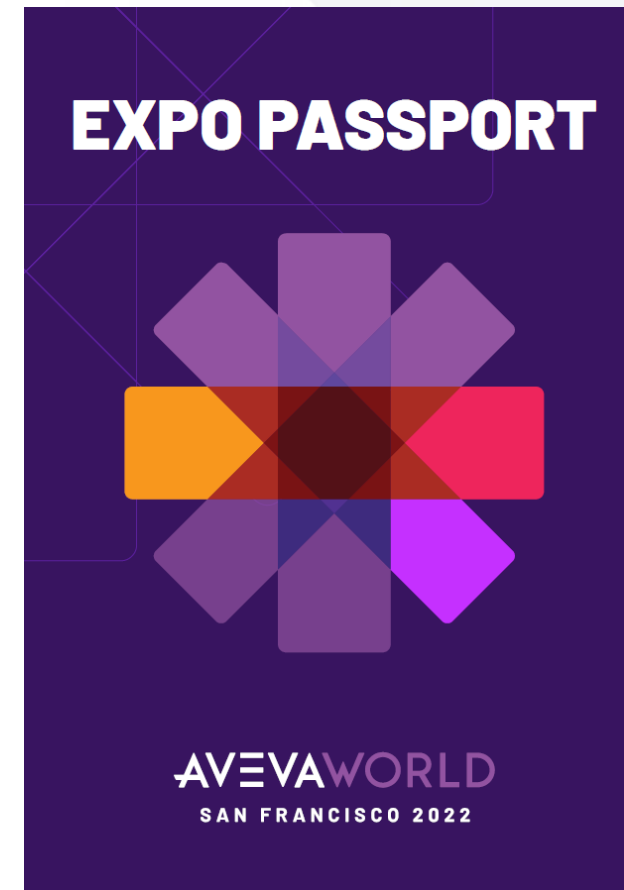
VISIT OUR EXPO BOOTHS

LAST CHANCE TO BRING YOUR PASSPORT, GET STAMPS
AND ENTER TO WIN A FREE TRIP TO AVEVA WORLD 2023

EXPO HOURS

WEDNESDAY: 10:15 AM - 5:00 PM

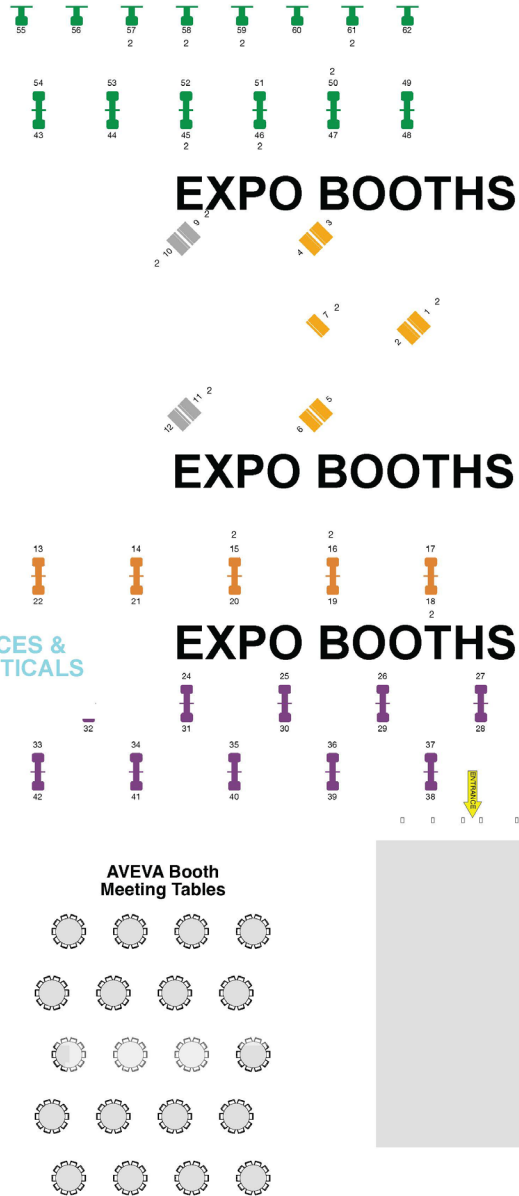
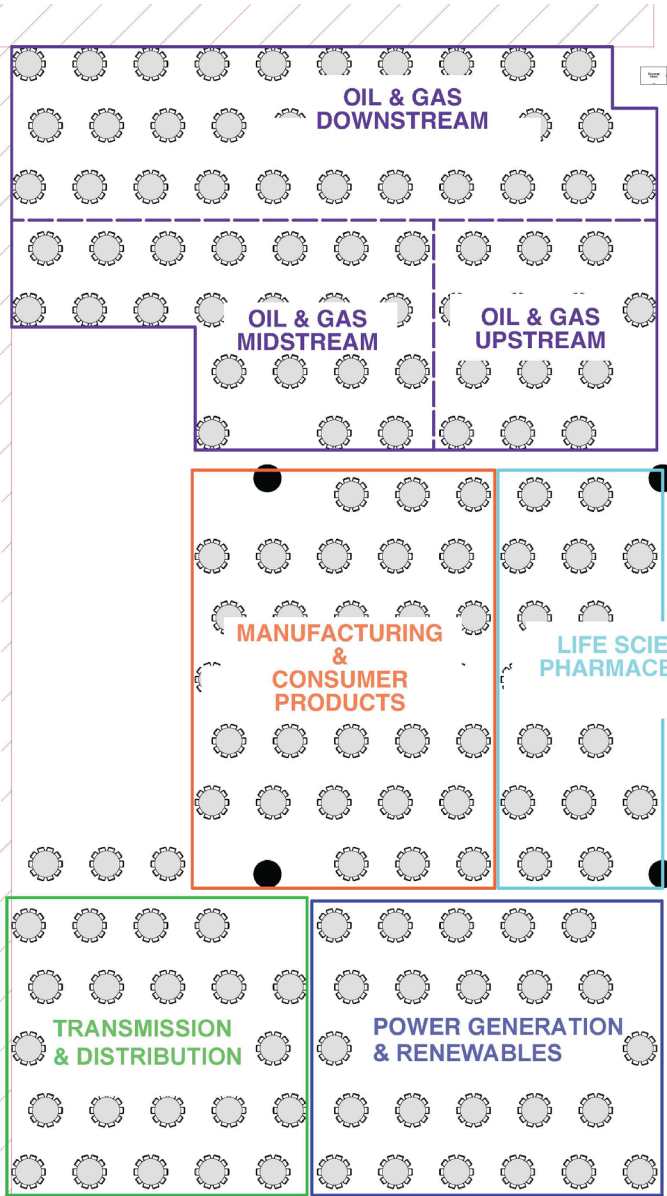
THURSDAY: 10:30 AM - 3:30 PM



Expo
Dinner
Reception

Industry
Areas

Level 1



EXPO ENTRANCE

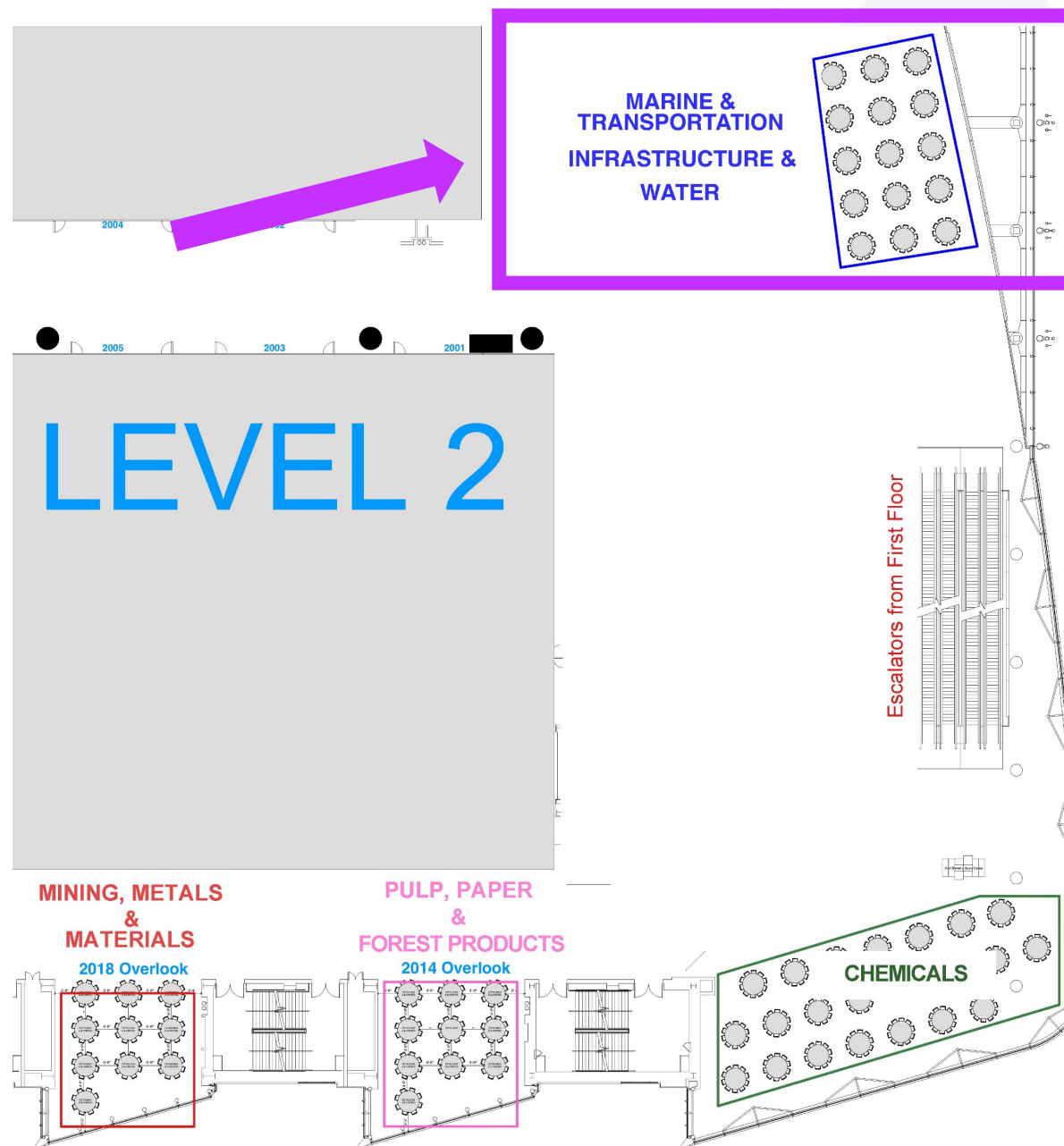
LEVEL 1

Exit

Expo
Dinner
Reception

Industry
Areas

Level 2



WE VALUE YOUR FEEDBACK!

Please use the mobile app to provide
session feedback.



Transportation and Global Supply Chain Defined

The movement of people and goods

Common modes of transportation



Rail (Passenger & Freight)



Marine



Automotive/Truck (on/off highway)



Aerospace



Pipelines (covered by Utilities)

Intermodal Infrastructure



Terminals



Sea Ports



Roads/Bridges/Tunnels/Traffic



Airports



Stations/Yards/Warehouses

Either insourced or outsourced depending on industry, client and geography

Transportation and the Global Supply Chain

On the road to a greener future



8% of the world's GDP



Becoming automated or autonomous



27% of all energy use, and 23% of energy-related CO2 emissions*



Urbanization compounds constraints*

Key Themes

1

Digitizing for Resilience and Efficiency

2

Decarbonizing/Electrifying

3

Building Data Ecosystems

On the road to a greener future with AVEVA

Using technology to improve efficiency, decarbonize and create circular economies



TODAY'S AGENDA

SPARKYOURINGENUITY

Session	Time
ABS My Digital Fleet™ Expands Maritime IoT Capabilities with the PI System	10:55 – 11:20
Unifying excellence in marine operations at Zamil Marine	11:30 – 11:55
Real-time Fleet Monitoring with ADH at Industrial Parts Depot	12:05 – 12:30
Vistra Corp - Kosse Mine Digital Transformation Journey	14:00 – 14:25
UC Davis Journey Toward Optimizing Electrical Grid Responsiveness	14:35 – 15:00
Ensuring safety at water dams using predictive algorithms at BRK Ambiental	15:10 – 15:35
Connected Mobility and The Circular Sustainable Economy Framework – Batteries, EVs, and the power grid	16:00 – 16:25

Sustainability impact study

Join us on this journey

AVEVA and Capgemini are partnering with customers to validate the digital solutions sustainability impact on plant operations.

If your company is interested in a free evaluation of sustainability KPI improvements, go to the expo and **ask about the sustainability study**.

Expo Booth

- Energy transition & circular economy
- Capgemini (Partner Expo)



Use cases

- Accelerate low carbon transition with process simulation
- Process and utility optimization
- Increase reliability and efficiency with predictive analytics
- Reduce waste and energy consumption with information and production management

Metrics

- GHG emissions
- Materials waste
- Energy consumption
- Water consumption