



2026

KIEWIT ENGINEERING

TECHNICAL SUMMIT

SPONSORED BY KIEWIT'S CHIEF ENGINEERS COUNCIL

CEC SPONSOR **HIMANSHU PATEL**

CEC CO-SPONSOR **DAVID REDMAN**

TUESDAY, FEBRUARY 24

9:45-10:00 CST

**Welcome from Kiewit Engineering
Group President**

Dan Lumma

10:00-11:00 CST

Keynote Speakers

**Chief Engineers Panel
Engineering with Intelligence: Integrating
AI into Everyday Practice**

*Pierre Yves Ponsonnet, Taylor Phillips, Wael Sbeih &
Forest Rong*

11:00-11:15 CST BREAK

TRACK A

TRACK B

11:15-12:15 CST

**Rapid Flood-Resilient
Design Using 2D BLE
Modeling: A Border
Project Proven by Flood**

*Alan Turner &
Alejandro Gonzalez*

11:15-12:15 CST

**Transforming Project
Development Through
the Application of
Novel Digital Tools**

*Lilas Al-Hakim &
Ross Faransso*

12:15-12:30 CST BREAK

12:30-1:30 CST

**Power Supply for
Data Centers: Design
Issues & Approaches**

*Diane Fischer &
Tatiana Rogers*

12:30-1:30 CST

**Innovative and Cost
Effective Sustainable
Solutions for PFAs
Management**

Kristen Jenkins

1:30-1:45 CST BREAK

1:45-2:45 CST

**Where the Rubber
Hits the Road—Fish
Getting 6PPD-Q'd...
since the 1960's**

*Amber Ashenhurst,
Jared Nielson &
Danelle McMorow*

1:45-2:45 CST

**Safety & Operability
Utilizing Dynamic
Analysis**

*Sanjay Ganjam, Ayesha
Patel & Aira Fernandez*

2:45-3:00 CST BREAK

3:00-4:00 CST

**Small Modular
Reactors & the New
Nuclear Industry**

Rawand Hwayyiz

3:00-4:00 CST

**Designing within
Limits: Engineering
Success for a
Brownfield EPC Project**

*Carlos Zamora &
Emily Zetz*

WEDNESDAY, FEBRUARY 25

9:45-10:00 CST

Executive Message

John Donatelli, Kevin Needham & Robin O'Callaghan

TRACK A

TRACK B

10:00-11:00 CST

**Drinking Water Supply
Using Direct Potable
Reuse of Wastewater
is Now**

*James Scholl &
Joseph Schuler*

10:00-11:00 CST

**Client Needs Digital
Twin: Reinventing
Requirements for
Smarter Project
Delivery**

PierreYves Ponsonnet

11:00-11:15 CST BREAK

11:15-12:15 CST

**Integrating AI into
Design Engineering:
Automating Workflows
& Expanding
Engineering Scope**

*Nicholas Federizo-Jimenez
& Marc Morgan*

11:15-12:15 CST

**Building a
Sustainable Future:
Kiewit's Progress &
Opportunities Ahead
in the Engineering &
Construction Sectors**

Lineth Salazar

12:15-12:30 CST BREAK

12:30-1:30 CST

**Frequency Support
in Inverter-Based
Resources: PFR, FFR
& FRT**

*Arjun Sundararajan &
John Huffman*

12:30-1:30 CST

**From Implosion to
Explosion: The Hidden
Risks of Low-Pressure
Storage Tanks**

*Shahar Yoram &
David Redman*

1:30-1:45 CST BREAK

1:45-2:45 CST

**Optimizing
Liquefaction for
Enhanced Project
Competitiveness**

*Javier ChavarroMonte &
Negar Davani*

1:45-2:45 CST

**Dewatering & Drying
Alternative for
Biosolids Volume
Reduction**

*Steven Greseth &
Gary Neun*

2:45-3:00 CST BREAK

3:00-4:00 CST

**Building
Information Modeling:
Implementation for
the Union Station
Enhancement Project**

*Amirmahmoud Moeini,
Robert Botticchio &
Francisco ReyesArace*

3:00-4:00 CST

**Compressor
Machine Integrated
Mega-Module
Structural Design**

*Anil Shelar, Fnu Witarto &
Mehdi Zomorodian*

THURSDAY, FEBRUARY 26

9:45-10:00 CST

Executive Message

*Megan Armstrong, Claudia Pulido Collantes &
Robert Zinsmeister*

10:00-11:00 CST

Keynote Speakers

**Chief Engineers Panel
Designing Tomorrow: AI & the Future
of Engineering**

Mike Martello, Ryan Terrell, Colin Davis & Dan Lumma

11:00-11:15 CST BREAK

TRACK A

TRACK B

11:15-12:15 CST

**LNG Rundown &
Loading: The Final Link
in the LNG Value Chain**

*Doohwan Cha &
Shahar Yoram*

11:15-12:15 CST

**Kiewit Envision
Experience &
Approach for
Sustainable Design
& Construction**

*James Scholl &
Paulina Gonzalez Pichardo*

12:15-12:30 CST BREAK

12:30-1:30 CST

**Scenario-Based
Analysis & Design of a
Seawater Intake Canal
in a Coastal Area**

Celic Resendiz

12:30-1:30 CST

**Mastering Complex
Project Delivery: One
Kiewit's EPC Execution
on a Landmark
Underground
Transmission Project**

*Wei Tu, Norman Chen &
Forest Rong*

1:30-1:45 CST BREAK

1:45-2:45 CST

**Bespoke Computations
& Design Tools
for Underground
Engineering**

*Eden Almog &
Michan Condra*

1:45-2:45 CST

**The Use of Novel High
Power DC Distribution
in Process Industries**

*Muhammad Omer &
Ali Malik*

2:45-3:00 CST BREAK

3:00-4:00 CST

**Plant-tastic
Plastic! A Biogenic
Carbon Pathway to
Polypropylene**

*Scott Westveer &
Kiran Chaudhari*

3:00-4:00 CST

**Sink or Float:
Engineering the
Impossible at
Portsmouth Dry Dock**

*Riley Ruskamp &
Dana Pendleton*

QUESTIONS? KiewitTechnicalSummit@kiewit.com

Kiewit