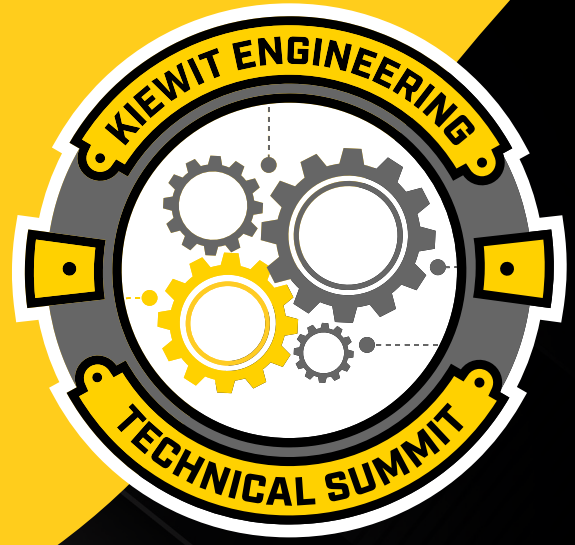


KIEWIT ENGINEERING TECHNICAL SUMMIT

SPONSORED BY KIEWIT'S CHIEF ENGINEERS COUNCIL

FEBRUARY 18-20 VIRTUAL EVENT



2025

CEC SPONSOR **JASON MANNING** | CEC CO-SPONSOR **HIMANSHU PATEL**

TUESDAY, FEBRUARY 18

9:45-10:00 CST

Welcome from Kiewit Engineering Group President

Dan Lumma

10:00-11:00 CST

Keynote Speakers

Chief Engineers Panel: Early Career Roundtable

Oscar Antommattei, Jason Manning, Del Shannon, Rory Carvajal, Sarah Chekri, Seth Dibble, Jacob French, Thao Nguyen, Jocelyn Tsai & Jay Wegner

11:00-11:15 CST BREAK

TRACK A

TRACK B

11:15-12:15 CST

3D Modeling Unleashed – The New Cornerstone of Construction

David Chamberlain, Jesse Barton & Nate Howard

11:15-12:15 CST

Re-thinking Plant Capacity and Design Conditions in Emerging Markets

Bryan Lofgreen & Eric Eisenbarth

12:15-12:30 CST BREAK

12:30-1:30 CST

Kiewit's Future With Performance-Based Design: A Structural Case Study

Kory Rankin

12:30-1:30 CST

How to Vent Hydrogen and Oxygen Safely

Jinhwan Yoo, Sanjay Ganjam, & Paulo Fernandez

1:30-1:45 CST BREAK

1:45-2:45 CST

The Use of Seawater for Industrial Water Make-up

Bernardo Rodriguez

1:45-2:45 CST

Electrical Effect: Give an Inch and It'll Cost You at the Meter

Chris Stelzer & Andrew Loveall

2:45-3:00 CST BREAK

3:00-4:00 CST

Design Leveraging – What Could Go Right?

Eric Skibbe, Logan Thorup, Jonathan Seeley, Leaven Phillips & Jon Boxler

3:00-4:00 CST

Thermal Hydrolysis

Steven Greseth, Brock King, Gary Neun & Jamaie Scott

WEDNESDAY, FEBRUARY 19

9:45-10:00 CST

Executive Message

John Donatelli & Kevin Needham

TRACK A

TRACK B

10:00-11:00 CST

Demands, Regulations and Emerging Technologies in the Industrial Water Market

Daniel Wilson & Kristen Jenkins

10:00-11:00 CST

Back to the Future in the Utility Engineering Space

Vincennes Lavallette & Daniel Darnold

11:00-11:15 CST BREAK

11:15-12:15 CST

Move Forward with Confidence: ID and Mitigate Technology Risks

Scott Westveer & Rosvic Navarro

11:15-12:15 CST

Keeping Those Old Units Running is Now More Important than Ever

Diane Fischer & Max Sherman

12:15-12:30 CST BREAK

12:30-1:30 CST

Evolution of Probabilistic Fault Displacement Hazard Analysis and Tunnel Design

Peter Chou & Jeramy Decker

12:30-1:30 CST

Digital Substations: Key to a Sustainable Energy Future

Daniel Garaycochea, Matthew Klinker & Jeff Cool

1:30-1:45 CST BREAK

1:45-2:45 CST

Kiewit's Engineering is the Wind Beneath SAF-Fueled Aircraft

Kiran Chaudhari, Kevin Turini & John Lai

1:45-2:45 CST

Engineering Investments for Cost Savings: Intake Structure Stabilization

Jacob Macdonald & Scott Jones

2:45-3:00 CST BREAK

3:00-4:00 CST

Navigating the Variability of Natural Gas Composition for LNG Facility

Mohammad Mahdavian & Airui Zhang

3:00-4:00 CST

Optimizing Data Center Design Using Computational Fluid Dynamics

William Fischer & Baljinder Bassi

THURSDAY, FEBRUARY 20

9:45-10:00 CST

Executive Message

Megan Armstrong, Claudia Pulido Collantes & Robert Zinsmeister

10:00-11:00 CST

Keynote Speaker

Keynote: Moving Beyond Chat

Chad Wahlquist, Palantir

11:00-11:15 CST BREAK

TRACK A

TRACK B

11:15-12:15 CST

The Future of Zero Liquid Discharge: Ensuring Sustainable Water Management

Axel Arvizu & Behrang Pakzadeh

11:15-12:15 CST

Compressors on Steel Modules

Anil Shelar & Fnu Witaro

12:15-12:30 CST BREAK

12:30-1:30 CST

Low Carbon Footprint Fuels Using Gasification

Daniel Morse & Anindra Mazumdar

12:30-1:30 CST

AIV and FIV in Piping Systems

Edgar Balbuena, Andres Valverde & David Garcia

1:30-1:45 CST BREAK

1:45-2:45 CST

Evolution of Engineering: Leveraging Data-Driven Methods for Future Engineering

Gabriel Fedorko

1:45-2:45 CST

Evaluating and Predicting Storage Tank Settlement

David Redman & Austin McCarthy

2:45-3:00 CST BREAK

3:00-4:00 CST

Large Scale Plate Load Tests for High Capacity Skid System

Nick Gura, David Bailey & Lin Zhao

3:00-4:00 CST

Kiewit Generative AI Engineering

Oscar Salazar & Richard Klassen

Kiewit