



KIEWIT ENGINEERING TECHNICAL SUMMIT

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SOLUTIONS THAT MATTER

Engage with our top Kiewit Engineering professionals and industry experts in a technical forum to learn engineering best practices, gain industry insights and earn professional development hours.

FEBRUARY 22-24, 2022

TUESDAY, FEBRUARY 22 LENEXA, KS POWER, INDUSTRIAL, AND WATER ENGINEERING		WEDNESDAY, FEBRUARY 23 DENVER, CO INFRASTRUCTURE ENGINEERING		THURSDAY, FEBRUARY 24 HOUSTON, TX OIL, GAS AND CHEMICAL ENGINEERING	
8:00-8:30 CST Welcome: Day 1 <i>Dan Lumma, President, Kiewit Engineering Group</i>		8:00-8:15 MST Welcome: Day 2 <i>John Donatelli, President, Infrastructure Engineering</i>		8:00-8:15 CST Welcome: Day 3 <i>Robert Zinsmeister, President, Oil, Gas and Chemical Engineering</i>	
8:30-9:45 CST <i>Keynote Speaker</i> Accelerating the Global Transition to Carbon Neutrality with Carbon Capture and Removal <i>Claude Letourneau, President and CEO, Svante</i>		8:15-9:30 MST <i>Keynote Speaker</i> Transforming Transportation: How Technological Innovation is Changing the Future of Transportation and Infrastructure <i>Kristin White, COO of Intelligent Transportation Society of America (ITS America)</i>		8:15-9:30 CST <i>Keynote Speaker</i> Transforming Renewable Energy Into Drop-In Liquid Hydrocarbon Fuels <i>Dr. Patrick Gruber, CEO of Gevo</i>	
9:45-10:00 CST BREAK		9:30-9:45 MST BREAK		9:30-9:45 CST BREAK	
TRACK 1	TRACK 2	TRACK 1	TRACK 2	TRACK 1	TRACK 2
10:00-11:00 CST Carbon Capture Technologies and Project Development <i>Alan Donovan and Bryan Lofgreen</i>	10:00-11:00 CST Decentralized Water Reuse's Role in Building a More Sustainable Water Infrastructure <i>Kaye Hesse and Leila Tootchi</i>	9:45-10:45 MST Dual Rotary Secant Piles in Challenging Site Conditions <i>Matthew Hawley</i>	9:45-10:45 MST Improving Sustainability of Concrete Infrastructure <i>Oscar Antommattei and Carson McCain</i>	9:45-10:45 CST The Rise and Challenges of Mid-Scale LNG <i>Jason Manning</i>	9:45-10:45 CST Energy Transition & Biofuels: Policy Challenges & Technological Solutions <i>Parijat Mishra and Kevin Turini</i>
11:00-11:15 CST BREAK		10:45-11:00 MST BREAK		10:45-11:00 CST BREAK	
11:15-12:15 CST Design Considerations for Renewables Utilizing Green Hydrogen <i>Nathaniel Strifler and Joel Lundquist</i>	11:15-12:15 CST Designing Efficient and Robust Renewables Foundations <i>Isaac Willems, Jim Brauer, Kory Rankin, Deidra Walker and Paul Wichmann</i>	11:00-12:00 MST System Safety Assurance for D/B Rail Projects: What It Is, How It Works <i>John Cockle and Kenneth Sundberg</i>	11:00-12:00 MST DeSoto Bridge Emergency Repair <i>Jack Tarrell and Kathryn Sufka</i>	11:00-12:00 CST Compliance with FERC Requirements for LNG Facility Design <i>Susan Guo and Sanjay Ganjam</i>	11:00-12:00 CST Continuous Improvement Through Optimal Software Use and Automation <i>Matt Lawrence and Dipesh Mistry</i>
12:15-1:15 CST LUNCH		12:00-12:15 MST BREAK		12:00-1:00 CST LUNCH	
1:15-2:15 CST Transitioning Gas Generation to a New Energy Market <i>Diane Fischer and Max Sherman</i>	1:15-2:15 CST Kiewit Mexico Engineering: Providing Solutions that Matter <i>Aldo Vega, Leonardo Uzcategui and Edgar Zapien</i>	12:15-1:15 MST Kiewit Chief Engineers Panel <i>Charles Henley, Oscar Antommattei, Michael Owens, Abhi Utturkar, George Cotton, Saed Kurd and Walter Eggers</i>		1:00-2:00 CST Fault Current Reduction Methods on Short Circuit Constrained Systems <i>Muhammad Omer and Arvin Tumibay</i>	1:00-2:00 CST The Evolving Design Methodology for Vibration Induced Fatigue in Piping Systems <i>Shahar Yoram, William Maddox and Will McGinness</i>
2:15-2:30 CST BREAK		1:15-1:30 MST BREAK		2:00-2:15 CST BREAK	
2:30-3:30 CST Leveraging Model Data for Construction <i>Megan Wood and Julian Kenny</i>	2:30-3:30 CST Evolving the Approach of Technical Oversight on Delegated Designs <i>Art Hortua</i>	1:30-2:30 MST Bridging a Potential Flow Slide <i>Thanh Phan, Claudio Osses and James Statser Jr.</i>	1:30-2:30 MST Maintenance of Traffic: Innovation and Efficiency in High Density Areas <i>Sylvie Gervais</i>	2:15-3:15 CST LNG Plant Carbon Capture - Design Options for BTEX Stream <i>Anil Amlani, Jeff Hook and Dipanjan Bhattacharya</i>	
3:30-3:45 CST BREAK		2:30-2:45 MST BREAK		2:15-3:15 CST Management of Process Safety Throughout Project Phases Utilizing MOC <i>Lane Plummer and Sanjay Ganjam</i>	
3:45-4:45 CST GIS for Medium Voltage Applications Above 15kV <i>Seetaram Alwala and Jason Ottens</i>	3:45-4:45 CST Techniques to Minimize Control System Downtime for the Power and Industrial Markets <i>Matthew Klinker, Alexandros Cavgalar and Steve Pollman</i>	2:45-3:45 MST LRT Structures Design and Constructability <i>Paul Giuntini, Ray Nickle and Brian Meythaler</i>	2:45-3:45 MST Restoration of Natural Salmon Migration on the Fraser River, BC <i>Steven Evans</i>	3:15-3:30 CST BREAK	
3:45-4:45 CST GIS for Medium Voltage Applications Above 15kV <i>Seetaram Alwala and Jason Ottens</i>		3:45-4:00 MST BREAK		3:30-4:30 CST Lean Gas Handling for LNG: The Heavies Challenge <i>Dipanjan Bhattacharya</i>	
3:45-4:45 CST GIS for Medium Voltage Applications Above 15kV <i>Seetaram Alwala and Jason Ottens</i>		4:00-5:00 MST TMEP Lower Mainland EPC 1Kiewit Engineering Support <i>Chris Scollard, Anil Shelar, Deidra Walker and Sunny Kung</i>	4:00-5:00 MST Solving Tunnel Convergence from Over-Stress in a Fault Zone at Devil's Slide <i>Jeremy Decker</i>	3:30-4:30 CST Removing Environmental Barriers to Bring Projects to Market <i>Caroline Burda</i>	