

CONFERENCE SCHEDULER > DAY 1 < WEDNESDAY JUNE 26 2024

DAY 1	STRATEGIC FORUM <small>SPONSORED BY: EMERSON</small>	HYDROGEN PRODUCTION, STORAGE, & INFRASTRUCTURE DEVELOPMENT <small>SPONSORED BY: B&W</small>	FUEL CELL TECHNOLOGY <small>SPONSORED BY: Swagelok</small>	LOW-CARBON FUELS & PROPULSION <small>SPONSORED BY: SIEMENS energy</small>	CARBON CAPTURE, UTILIZATION, STORAGE & BLUE HYDROGEN <small>SPONSORED BY: Honeywell</small>
09:00	Chair Welcoming Remarks and Opening Plenaries	Chair Welcoming Remarks: Low Carbon Hydrogen Production	Chair Welcoming Remarks: Fuel Cells for Heavy Duty Applications	Chair Welcoming Remarks: Opening Plenaries and Hydrogen Fuels for Heavy Duty Transport	Chair Welcoming Remarks: Opening Plenaries and Carbon Capture Technologies
09:10	In conversation with Greg Matlock: BIL and IRA- where are we now?	Decarbonizing Hydrogen Production with Biofuels Chemical Looping	Recent Innovations in Electrolyzer & Fuel Cell Technology	Enabling Project Economics With the Use of Carbon Capture	CaptureMap: Market Developments for the CCUS industry
09:35	Accelerating The Buildout of the Hydrogen Economy	Racing to the start: Creating a Commercially Viable Net-Zero Economy Through H2 Adoption	Hydrogen Fluid System Designs	OEMs perspective on Power-to-X applications	A Path to Carbon-Neutrality Accelerates Today
10:00	New Horizons in Carbon Capture: Assessing the Impact and Feasibility of the EPA's Latest Fossil-Fuel Power Rules	Thriving through the energy transition: exploring new energy strategies	Deploying Fuel Cell Electric Vehicles	Building a Bridge to Hydrogen	Advancing CCUS Technologies to Scale the Industry
10:25	BREAK	BREAK	BREAK	BREAK	BREAK
10:50					
10:55	Prioritizing a Just Transition for the Hydrogen Hubs (H2Hubs) Program	Next Generation Electrolyzers for Green Hydrogen	Model-based Approach for Optimization of Propulsion System of a Heavy-Duty Class 8 Fuel Cell Electric Vehicle	BREAK	Lessons Learned from the Mikawa Post Combustion Capture Pilot Plant
11:15		Electrolyzer Economics Unveiled: Navigating the Cost Landscape for Successful Green Hydrogen Implementation	Durable and Efficient Air Management System for HD Fuel Cell Applications		Direct Air Capture: Making It Happen
11:20	Hydrogen Project Financing Masterclass	Responsible Manufacturing of PEM Membranes to Advance the Hydrogen Economy	Panel Discussion: Comparison of Fuel Cells & ICE Powertrains in Heavy-Duty Mobility	Novel High Density Hydrogen for Heavy Transport	Meeting the Needs of Every Emitter – CCUS Solutions for Today and Tomorrow
11:40					
11:45	Public and Private Partnerships to Accelerate Hydrogen Financing	Panel Discussion: New Electrolyzer Paradigms: What's hype and what's worth watching?	LUNCH	Hydrogen Internal Combustion Engine and Its Promising Role in Heavy-Duty Vehicles	Considerations for Combined Cycle Generation with Carbon Capture
12:05					
12:10	Leadership Roundtable- Net zero targets and leading the energy transition	LUNCH	LUNCH	LUNCH	Panel Discussion: Biotechnology in Carbon Capture
12:20					
12:30	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
12:40					
12:55	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
13:05					
13:20	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
13:30					
13:35	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
13:40					
13:45	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
13:55					
14:00	Chairman Welcoming Remarks: Carbon Capture Project Finance	The Hydrogen Value Chain: Opportunities, Challenges, and Potential Solutions	The Infrastructure Opportunity for Hydrogen in Aviation	Dual Hydrogen-Jet Fuel Medium Range Aircraft-a path to zero emissions	Chair Welcoming Remarks: Carbon Transport and Infrastructure
14:05					
14:10	CCUS infrastructure deployment: the value and opportunities of an integrated approach	Accelerating Scale Up of the Hydrogen Economy with Systems-Level Strategic Evaluation	Challenges and Solutions when introducing Hydrogen as a Fuel for the Maritime Sector	CO2 Utilization for eFuels	CO2 Transport Pipeline Best Practices for Carbon Management Business
14:20					
14:25	Development of an Advanced Cost Estimation Tool for Carbon Capture, Utilization, and Storage Projects	Latest Developments and Experiences in Certifying Hydrogen Readiness of Power Plants and Other Existing Infrastructure	Panel Discussion- Hydrogen as the Energy Nexus: Combining ZEV Fueling and Grid Support	Sustainable Fuel Production for Transportation	CO2 Compression Technologies and Recent Improvements on Integrally Geared Compressors for CO2 applications
14:35					
14:50	Top 10 Questions All Applicants Should Ask Before Applying to the LPO	Panel Discussion- Ports as a Gateway to Market Lift-off for Hydrogen and it's Derivatives	Chair closing remarks	Panel Discussion- The Role of SAFs in Green Aviation	High Efficiency Cooling Systems for Carbon Capture, Transportation and Storage
14:55					
15:00	Leadership Roundtable: Surviving Beyond Subsidy: Building a CCS Business Model That Lasts	LUNCH	LUNCH	LUNCH	LUNCH
15:15					
15:20	Chair closing remarks	LUNCH	LUNCH	LUNCH	LUNCH
15:25					
15:35	Chair closing remarks	LUNCH	LUNCH	LUNCH	LUNCH
15:40					
16:05	Chair closing remarks	LUNCH	LUNCH	LUNCH	LUNCH
16:10					
16:45	Chair closing remarks	LUNCH	LUNCH	LUNCH	LUNCH
16:45					



CONFERENCE SCHEDULER > DAY 2 < THURSDAY JUNE 27 2024

DAY 1	STRATEGIC FORUM <small>SPONSORED BY: EMERSON</small>	HYDROGEN PRODUCTION, STORAGE, & INFRASTRUCTURE DEVELOPMENT <small>SPONSORED BY: B&W</small>	FUEL CELL TECHNOLOGY <small>SPONSORED BY: Swagelok</small>	LOW-CARBON FUELS & PROPULSION <small>SPONSORED BY: SIEMENS energy</small>	CARBON CAPTURE, UTILIZATION, STORAGE & BLUE HYDROGEN <small>SPONSORED BY: Honeywell</small>		
09:00	Chair Welcoming Remarks: Energy Security and the Global Hydrogen Market	Chair Welcoming Remarks: Hydrogen Infrastructure	Chair Welcoming Remarks: Fuel Cell Development and Manufacturing	Chair Welcoming Remarks: Marine and Stationary Applications	Chair Welcoming Remarks: First of a Kind Projects		
09:10	Scaling Technologies for the Future	Oxygen Utilization from Electrolysis Plants: Use Cases and Viability	1Hz - Think Big, Start Small - How to Ramp up Fuel Cell and Electrolyser Production	A net-zero approach to CO2 emissions – CCU & PtX	Beneficial Early Adopters of Carbon Capture		
09:35	Site Selection Considerations for the Hydrogen Industry	Efficient Electrolysis Waste Heat recovery for Water Purification	In-line Inspection for Fuel Cell and Electrolysis Production	Panel Discussion: eFuels- Exploring the potential of eFuels in marine and shipping	Learnings from the Delivery of FOAK CCUS FEED Projects		
10:00	Securing Your Hydrogen Future: Safeguarding Assets, Protecting People & Ensuring Compliance	Balanced Approach of Materials Selection for Hydrogen Services	Development of advanced sintering technology for industrial applications at Idaho National Laboratory	BREAK	BioEnergy with Carbon Capture - Unlocking the value of additional revenue streams		
10:20	BREAK	BREAK	BREAK		BREAK		
10:25							
10:45	BREAK	BREAK	BREAK	BREAK	BREAK		
10:55							
11:10	Green & Low-Carbon Hydrogen in the US: focus on certification & transparency for global market access	Technologies and methodologies to accelerate the hydrogen economy	Production Technology for Bipolar Plates of Fuel Cells and Electrolyzers – Anything but Simple	Live Demonstration of an Agile No-Cost Screening Tool for the Feasibility of Hydrogen-Fueled District Energy Systems	Using CO2 for Enhanced Oil Recovery as a Bridge to Permanent Sequestration		
11:20	Leadership Roundtable: Hydrogen Markets Outside of the US	Polyimide for Hydrogen Wear and Sealing Applications	Advancements in Gas Diffusion Layers Designs for Next Generation High Performance Fuel Cells	Hydrogen Ready Gas Turbines – Decarbonizing Power Generation	An Offshore Contractor in CCS - Noble Corp's Initial Lessons from the Greensand Project and Other Initiatives		
11:35		THERA™ SEAL: the next gen sealing solution for high pressure gaseous hydrogen storage	Closing the Loop: Precious Metal Recycling to Support the Hydrogen and Fuel Cell Scale-Up	Clean Hydrogen as a Fuel for Industrial Applications: Essential Insights	From press releases to projects: Realizing the build out of CCUS in the US		
11:45		Run-time Optimized Compressors for LH2, Green Ammonia and Pipeline Processes	Panel Discussion- Powering the Hydrogen Future: fuel cells for remote and back-up power systems	LUNCH	LUNCH	Panel Discussion- The Latest Developments in Monitoring, Reporting and Verification	
12:05	LUNCH	Panel Discussion- Hydrogen Safety for Storage and Transportation	LUNCH				LUNCH
12:10							
12:35	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH		
13:00							
13:05	Chairman Welcoming Remarks: Thought Leadership and the Future of Carbon Markets	LUNCH	LUNCH	Chair Welcoming Remarks	LUNCH		
13:10	Assessment of Climate Change Mitigation Strategies			LUNCH		Beyond Hydrogen: Striving for a Low Carbon Future through Ammonia and E-Methane	
13:25	Leadership Roundtable: Regulation of CO2 Storage in North America: Managing Risk and Ensuring Compliance with Permits and Licenses					LUNCH	E-Methanol: A Convenient Liquid Hydrogen Carrier and a Carbon-neutral Drop-in Fuel to replace Gasoline, Diesel and Marine Bunker Oil
13:35	Leadership Roundtable: The Role of Voluntary Carbon Markets in Net Zero	LUNCH	LUNCH	LUNCH	Chair Welcoming Remarks: Blue Hydrogen		
13:55							
14:00	Leadership Roundtable- The Role of Voluntary Carbon Markets in Net Zero	LUNCH	LUNCH	LUNCH	Technologies of Choice for Mega Scale production of Low Carbon Energy Vectors		
14:05							
14:20	Leadership Roundtable- The Role of Voluntary Carbon Markets in Net Zero	LUNCH	LUNCH	LUNCH	Low Carbon Hydrogen Technology optimization – moving projects forward to achieve Net Zero targets		
14:25							
14:30							
14:50	Chair closing remarkst	Carbon-Negative Hydrogen Production	The New Frontier of Fuel Cell Filtration and Separation	Panel Discussion: Scaling Up Hydrogen Production for Heavy-Duty Mobility in the US: A Strategic Imperative	Panel Discussion- A pathway to blue: pioneer's experience in applying today's evolving standards to an existing facility's low carbon products		
14:55							
15:05	Chair closing remarkst	Carbon-Negative Hydrogen Production	The New Frontier of Fuel Cell Filtration and Separation	Panel Discussion: Scaling Up Hydrogen Production for Heavy-Duty Mobility in the US: A Strategic Imperative	Panel Discussion- A pathway to blue: pioneer's experience in applying today's evolving standards to an existing facility's low carbon products		
15:10							
15:20							
15:35	Chair closing remarkst	Decentralizing Hydrogen: Innovations and Impacts in a Global Context	Panel Discussion: Using Simulations to Improve Fuel Cell Efficiency and Durability	Chair closing remarks	Chair closing remarks		
15:45							
16:05	Chair closing remarkst	Chair closing remarks	Chair closing remarks	Chair closing remarks	Chair closing remarks		

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