



Fugitive Emissions Summit Americas 2022

September 28th – 29th

San Jacinto College LyondellBasell Center for Petrochemical, Energy, and Technology
Pasadena, Texas

ADVANCE CONFERENCE PROGRAM

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ADVANCE CONFERENCE PROGRAM

DAY ONE

10:00 AM	Keynote 1	<i>Chairman's Welcome – Tim Goedecker, Phillips66</i>
10:30 AM	Keynote 2	<i>EPA Enforcement Initiatives – TBD</i>
11:00 AM	Expo & Coffee Break	
11:30 AM – 1:30 PM	Workshop ESG & Reporting Panel	Workshop Installation, Operation and Maintenance
	<p>Session Chair: Tim Goedecker, Phillips66</p> <p>This panel will discuss standardization, regulation, and reporting. What technology and systems are currently in place, what do we do from a reporting standpoint today, why is data quality monitoring important. The panel will also compare the outlook in the US, Europe and UK and how to meet and exceed expectations.</p> <ul style="list-style-type: none"> - New SEC rules - GHG awareness <p>Panelists: TBD</p>	<p>Session Chair: Rodney Roth, RFS Compliance Solutions</p> <p>Installation, operations & maintenance functions, duties and labor associated with the daily operations and normal repairs, replacement of parts and other activities needed to maintain a successful emissions program. This session will cover practical maintenance and installation practices including Drill & Tap demo, torquing, bolting and packing replacement demo.</p> <p>Speakers: TBD</p>
1:30 PM – 2:30 PM	Lunch	
2:30 PM-4:30PM	Workshop ESG – It Takes Us All	Workshop Emission Control and Prevention
	<p>Session Chair: Dave Anderson, Score Group</p> <p>Overarching requirements within the oil and gas and petrochemicals community are consistent – be safe, be environmentally responsible, be sustainable – but key performance measures within these areas can change. We are operating in a more regulated environment than ever before, with an ever-increasing level of scrutiny. This session will examine technologies and collaborations that allow us to connect and align with current and future market visions and goals and ensure they are met.</p> <p>Presentations:</p> <ul style="list-style-type: none"> • <i>How Digitalization, Technology and Collaboration Will Jointly Help Deliver the Top 3 Most Important Outcomes for the Oil & Gas Industry in the 20's and Beyond</i> – Dave Anderson, Score Group • <i>ESG Improvements through Emissions Reduction: Issues and Opportunities</i> – Bruce Ofari, Emerson Automation Solutions • <i>An ESG/Sustainability Approach to Gasket (Seal) Specification and LDAR Compliance</i> – Ross Dupre, VSP Technologies 	<p>Session Chair: Bronson Pate, TRICORD Consulting</p> <p>This session will include presentations on a variety of technologies and solutions to control and prevent fugitive emissions.</p> <p>Presentations:</p> <ul style="list-style-type: none"> • <i>Proposed 0000a, 0000b & EG 0000C LDAR & Equipment Requirements: Updates & Changes</i> – Roy Massengale, EnRUD • <i>Strategies for Realizing and Declaring Significantly Lower Emissions on Gasketed Connectors at US Refineries</i> – Robbie Riggs, Teadit • <i>Solving the Fugitive Emission Challenge for Your Isolation Valves</i> – Josh Davis, Emerson Automation Solutions • <i>Strahman Valves and Other Sampling Solutions – Are They Compliant with LDAR Requirements?</i> – Rubinaz Abbas, TRICORD Consulting • <i>Reducing Control Valve Fugitive Emissions in Industrial Plants and Facilities</i> – Madeline Neu, Emerson Automation Solutions • <i>Eliminate Methane Emissions & Reduce Maintenance with Electric Controls & Actuators</i> – Doug Bezpalko, Calscan



BOOK YOUR STAND TODAY!

Be part of the Fugitive Emissions Summit Americas on September 28th & 29th, 2022 at San Jacinto College's LyondellBasell Center for Petrochemical, Energy, & Technology (CPET) in Pasadena, TX. The dynamic and interactive event will give attendees the opportunity to network with the leading minds driving ahead innovation and excellence in the field of emission detection, mitigation and reduction.

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ADVANCE CONFERENCE PROGRAM

DAY TWO

10:00 AM	Keynote 3	<i>LDAR and ELP, Environmental Justice</i> – Bronson Pate, TRICORD Consulting
10:30 AM	Keynote 4	<i>Houston Economic Alliance Port Region Project Update</i> – Chad Burke, Houston Economic Alliance
11:00 AM	Expo & Coffee Break	
11:30 AM – 1:30 PM	Workshop Future of ESG Panel	Workshop Monitoring & Testing
	<p>Session Chair: Tom King, MRC Global</p> <p>ESG and sustainable investing are projected to increase at a rapid pace in the future. The effects of the COVID-19 pandemic and climate change have greatly furthered ESG as a long-term initiative. This deviates from how companies take decisive actions for short-term changes. Incorporating ESG is not only essential in risk approaches but has now been seen as an emerging factor for financial growth. This panel will discuss the future of ESG from a variety of industry perspectives. What does the future hold, what technology is coming, what needs to be developed, what is driving change, what goals are being set, will this impact manufacturing and supply chain.</p> <p>Panelists: TBD</p>	<p>Session Chair: Kevin Moses, LDARtools</p> <p>Having a robust leak detection system brings many benefits, as detecting leaks early on is usually less costly to repair and limits downtime of facilities, helping to demonstrate compliance with legislation regarding emissions, and finally to protect the environment. This session will feature an array of presentations demonstrating monitoring technology, GMAP Truck, drone monitoring, testing methods, regulatory updates and more.</p> <p>Presentations:</p> <ul style="list-style-type: none"> • <i>2022 Revisions for all the API Downstream Fugitive Emission Test Standards</i> – Matt Wasielewski, Yarmouth Research & Technology • <i>Continuous Monitoring and Advanced Interpretation Enable Rapid Detection of Methane Leaks</i> – Aditi Chakrabarti, Schlumberger-Doll Research • <i>Future of Air Quality Monitoring: Geospatial Measurement of Air Pollution</i> – Dylan Orr, TRICORD • <i>One Hundred One Options - Methane Measurement Technologies</i> – Gobind Khiani, Enbridge • <i>How to Set Up Your LDAR Program for Permit-Ready Success</i> – Rubinaz Abbas & Amanda Olbrich, TRICORD Consulting
1:30 PM – 2:30 PM	Lunch	
2:30 PM-4:30PM	Workshop Emerging Technologies	Workshop Monitoring & Testing
	<p>Session Chair: Gobind Khiani, Enbridge</p> <p>This session will feature presentations on new technology for the prevention and reduction of fugitive emissions.</p> <p>Presentations:</p> <ul style="list-style-type: none"> • <i>PRVs - Best Practices and New Technologies to Address Vented and Fugitive Emissions</i> – Adam Attig & Marcelo Dultra, Emerson Automation Solutions • <i>The Future of Forensic Packing</i> – Mark Ruffin, Teadit • <i>Media Containment of Fugitive Emissions</i> – Bob Donnelly, Flo-Tite • <i>Solution to Methane Venting to Atmosphere from Gas Powered Pneumatic Actuators</i> – Bob Connal, Hybrid Automation • <i>Innovative Monitoring Solutions using Cavity Ring-Down Spectroscopy: Real-time-CEMS, Fence-line, Multipoint, and Mobile Applications</i> – Dave Miller, Picarro • <i>Key Considerations for Magnetically Actuated Valves for HF Alkylation Units</i> – Ned Davis, Maui Innovation 	<p>Session Chair: Foster Voelker, Williams Valves</p> <p>Having a robust leak detection system brings many benefits, as detecting leaks early on is usually less costly to repair and limits downtime of facilities, helping to demonstrate compliance with legislation regarding emissions, and finally to protect the environment. This session will feature an array of presentations demonstrating monitoring technology, testing methods, regulatory updates and more.</p> <p>Presentations:</p> <ul style="list-style-type: none"> • <i>Digital Capability of Valve Monitoring; Increasing Plant Availability whilst Reducing the Carbon Footprint: Case Study, Monitoring of Flare Valves</i> – Simon Jeeves, MRC Global • <i>Emission Factors: The Methodology Behind Emission Inventory Calculations</i> – Jim Walsh, TRICORD • <i>Pressure Relief Valves Fugitive Emissions Testing</i> – Calvin Deng & Zeeshan Saiyed, Emerson Automation Solutions • <i>mPACT2WO - Emissions Monitoring - A New Frontier</i> – Roger Nounou, Molex • <i>Ultrasound Cameras: A Versatile Gas Leak Detection Method for the Oil & Gas Industry</i> – Johan Victor • <i>Using Continuous Monitoring with Intelligent Analytics to Address Fugitive Emissions</i> – Dennis Prince & Michelle Liu, Airdar

A MESSAGE FROM THE CHAIRMAN



I look forward to serving you as Chairman for the 2022 Fugitive Emissions Summit Americas. I am excited to see the wealth of knowledge coming together this year and the latest technologies to be shared.

I think about the improvements we can make in refining, midstream (pipelines & terminals), petrochemical and pharmaceutical that will have a marked impact on our environment. It is important for all stakeholders to understand how our industry is meeting the challenges of increasing societal expectations & regulatory requirements. We need to explore technologies which reduce fugitive emissions and create pathways for future improvements for our environment.

Conferences like Fugitive Emissions Summit Americas are critical for collaboration, to grow industry knowledge and kickstart innovative ideas. We are all busy and while computers can improve our productivity, they also enable us to over-extend ourselves. Because we typically don't have enough time in our day to network and talk face-to-face, conferences like this Summit are a must. It's the ideal way to forge new ideas and partnerships and foster innovation.

Do you have an idea or topic that you would like to see discussed at the Conference? Please submit a short abstract of your work to our Steering Committee for review. Delivering a paper or presentation is not only rewarding, but also a great way to encourage discussion and help drive industry forward.

I anticipate a great Conference in September and look forward to seeing you in Pasadena!

Tim Goedecker

Sr. Principal Environmental Consultant - Refining HSE

Phillips 66

A MESSAGE FROM THE VICE CHAIRMAN



With the 2020 Fugitive Emissions Summit having to adapt like the rest of the world, we were able to come out on top with a successful conference in the newly coined "hybrid" setting. While some of us were able to join in person, other were not so fortunate. But as time has gone on, we have all started to learn, adapt, and become more comfortable with what is going on in our surroundings. The 2022 Fugitive Emissions Summit Americas is not only setup for great success after these crazy times, but is positioned to be the best Fugitive Emissions Summit yet.

This year's Chairman is someone who is respected by many folks throughout industry, and someone that I personally respect in every aspect of my life. Tim Goedecker is a man with many talents, including always having the best bow tie on, even if it has the wrong type of bird. Tim will not only bring great content to this year's conference for the attendees, but will also bring amazing ideas which will help morph this conference for many years to come. I truly look forward to working with Tim and all the steering committee members this year.

Please submit your abstracts to our steering committee, so they can have a great pool for topic selection. If you need any advice on an idea of how best to put together an abstract, please do not hesitate to reach out to Tim or me directly. I hope that everyone will take away something from this year's conference to help our next generation grow. Hope to see and spend time with you all in Houston this year.

Bronson Pate

Client Relationship Manager

TRICORD Consulting

STEERING COMMITTEE

Sara Alford, *President, Newmans Valve & PVF Roundtable*
 Dave Anderson, *Sales & Marketing Director – Score Diagnostics*
 Mitchell Anderson, *Technical Director - Butterfly Valves and R&D – Bray International*
 Tom Blake, *Vice President of Sales – Jet-Lube*
 Troy Boley, *Vice President & Co-Founder – Spectrum Environmental*
 Dave Buse, *President, Zwick Valves NA LLC*
 Jack Cahill, *Vice President, Clean-Co Systems*
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 George Davet, *Executive Vice President – Solon Manufacturing*
 Sam Davis, *President – RFS Compliance Solutions*
 Carlo De Bernardi, *Staff Valve Engineer - Global Production, ConocoPhillips*
 Dan DeVine, *Valve Technology & Piping Material Consultant – Midland Engineering*
 Brindesh Dhruva, *Chief Marketing & Technology Officer – Bray International*
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 Tanya Jackson, *LDAR Division, Director of Client Account – Montrose Air Quality Services*
 Greg Johnson, *CEO – United Valve*
 Gobind Khiani, *Global Subject Matter Expert – P.E., M.E.*
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 Scott Moreland, *Vice President of Sales, Quadax*
 Kevin Moses, *Director of Operations – LDARtools*
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 Robbie Riggs, *Vice President of Sales & Marketing, Teadit North America*
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 Vance St. Jean, *Senior Stationary Equipment Specialist, A.W. Chesterton*
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 Foster Voelker II, *Director of Engineering – Williams Valve*
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 Katie Zimmerman, *Marketing Communications Director - Final Control, Emerson Automation Solutions*
 Wojciech Zmudzinski, *Advisor - Valves, BP*