

SPEAKER ABSTRACTS

All conference sessions listed in this section are included as part of the delegate fees and are listed in order of appearance. All sessions will be held in the Conference Centre at the Fairmont Banff Springs.

TUESDAY, APRIL 30

▶ Panel | Technology and Innovation in Safety

Pre-conference session open to all delegates
3:00 PM- 5:00 PM

Mark Baker, Shell Canada - Safety and Environment Digitization
Kevin Krausert, Beaver Drilling - Safety Through Empowerment: The Avatar Program
Mark Taylor, Alberta Energy Regulator - Airing on Safety: UAV Technology and a Climate in Change
Mark Krayacich, Suncor - Suncor's Technology Journey

The direction many companies are taking to reduce the impact of human error and increase safety, points towards data analytics, automation and digitization. These innovations are opportunities for us to make fundamental changes to the way we do business and how we address safety.

The examples and insights you'll hear about from this executive panel are some of the next steps that will bring us closer to our industry's common vision of zero injuries, zero incidents. The distinguished panelists will discuss how innovation and new technologies are improving safe work performance in oil and gas.

WEDNESDAY, MAY 1

▶ Keynote | The Hero Effect - Being Your Best When It Matters The Most

Kevin Brown
9:00 AM - 10:00 AM

All heroes have something in common: they help people. As a safety leader, you should be tying on **your** superhero cape... after all, most oil and gas companies talk about "putting safety first" or state that "worker safety is the most important thing".

But is your team delivering on that philosophy?

- Do your workers feel like they are encouraged to work safely?
- Do they feel they have 100% of their supervisor's support if they stop work?
- Are the interactions you have with workers positive enough to make them choose safety over speed every time?

Kevin will share ideas, strategies and principles that will inspire and equip you to tap into your own super powers and make a positive difference every day.

➤ **Safety Without Human Error**

Prof. Robert de Boer
10:45 AM - 11:45 AM

There can be many reasons for the difference between “work as imagined”, which is how work is prescribed in rules and procedures, and the reality of how it is executed or “work as done”. Robert will explain what can be learned from these gaps and the steps you can take to close them, using examples from oil and gas, aviation and other industries.

He will also focus on the term “human error”, how that label is not very useful for understanding what went wrong (or right), and how it often hides the complex, systemic factors behind an unwanted outcome. Robert suggests there are better measure to improve understanding.

➤ **Engineering Controls—They’re Only Human After All**

Andy Reimer
10:45 AM - 11:45 AM

In high hazard industries with complex risk management systems, engineering controls are themselves part of a system that makes them dependent on a variety of human decisions and interventions. Andy will demonstrate that acknowledging the potential “human failings” of engineering controls can lead to better strategies when it comes to monitoring the health of critical engineering controls.

He will draw on critical control management best practices, provide examples to show why engineering controls often suffer the same human failings as administrative controls, and discuss how to build a more robust control monitoring strategy.

➤ **Transportation of Dangerous Goods—Bridging the Gap**

Henry Ridders
10:45 AM - 11:45 AM

Drawing from experiences during his over 30-year-career in safety, Henry will provide insights into the regulatory landscape of transportation of dangerous goods (TDG).

He will discuss what has changed since the Lac-Mégantic rail disaster in 2013 and share information that can significantly impact how employers address Part 6—the training requirements that come into force on July 2—of the TDG Regulations.

Attendees will hear about industry best practices and learn to identify gaps in their TDG program/system and how to address them.

➤ **Safety Heretic**

Jeffery Lyth

1:00 PM - 1:55 PM

How does your style of managing safety match up against other leading organizations and jurisdictions? Join Jeff as he outlines the evolving nature of safety management and how companies can stay ahead of the curve to seek and achieve safety in modern workplaces. After a 25-year career in construction safety, this former CRSP and CHSC decided to depart from conventional safety.

Jeff will demonstrate how doing safety differently can transform safety culture within an organization. He'll highlight some unintended consequences and shortcomings of conventional safety approaches, explain the current perspectives, and show how we can work to contribute to the "whole view" movement.

➤ **Regulators Forum**

British Columbia, Budd Phillips | Alberta, Ross Nairne | Saskatchewan, Aimée Smith

1:00 PM - 1:55 PM

Representatives from British Columbia, Alberta and Saskatchewan will provide insight on what the oil and gas industry is doing well, areas in need of improvement from a field perspective, emerging safety field issues and regulatory modifications within their jurisdictions. Individual presentations will be followed by an audience-driven question and answer period.

➤ **Breakout Session | Robert de Boer**

1:00 PM - 1:55 PM

Continued discussion from *Safety Without Human Error* in a smaller group setting.

➤ **Make Brain Health Your Competitive Advantage: A Proactive Approach to Mental Health**

Dr. Lisa Belanger

2:05 PM - 3:00 PM

Organizations' greatest assets are the productivity, creativity, and innovation of their employees. Lisa explores the behaviours and practices leaders can encourage to help their staff be in the best condition to think clearly, make better decisions, and to be more productive and resilient.

Drawing from psychology, behavioural science, and neuroscience, she also explains what employees can do to cope well in high-stress situations or when under long-term stress; how they can use simple tools to increase their mental strength (and thereby, their performance); and how organizations can work to prevent burnout, empowering team members to live well and age well.

➤ **Regulators Informal Q&A**

British Columbia, Budd Phillips | Alberta, Ross Nairne | Saskatchewan, Aimée Smith
2:05 PM - 3:00 PM

Representatives from BC, Alberta and Saskatchewan will answer audience questions.

➤ **Transportation of Dangerous Goods—Bridging the Gap (*encore presentation*)**

Henry Ridders
2:05 PM - 3:00 PM

Drawing from experiences during his over 30-year-career in safety, Henry will provide insights into the regulatory landscape of transportation of dangerous goods (TDG).

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➤ **Keynote | A Motivated Mind: Optimizing Your Brain for Higher Productivity**

Dr. Brynn Winegard
3:45PM - 4:45 PM

Everyone knows the feeling of having more items on our to-do lists than time in our day. Some will assure you that better time management, self-management or managing through others is the key to higher productivity – though brain-sciences inform that none of this is true.

Better motivation and higher productivity are within reach: they require better energy management. This keynote highlights the path of least resistance for moving from a surviving or even striving mindset into a thriving one using secrets from brain science and principles of energy management.

Discover how you can feel more motivated and be more productive by setting your brain, self, and day up for success.

THURSDAY, MAY 2

➤ **Keynote | Powerful Human Performance: Meeting the Need for Recognition**

Paul Krismer

9:00 AM - 10:00 AM

Give your organization a blast of personal and corporate well-being in this inspirational introduction to the science of positive psychology. Learn what makes humans think the way they do. With practical examples from everyday life, you will see how the human brain works and how it changes based on people's life experience.

Find out how you can easily and substantially have greater life success in all kinds of practical ways: health, career, relationships and more. Paul will share research results that prove happiness leads to greater success, improved human performance and safer workplaces.

Come away with simple, applicable skills that fuel personal engagement and create positive contagion within the workplace.

➤ **Technology and Compliance Approaches to Assess Worker Fitness for Duty**

Dan Demers

10:45 AM - 11:45 AM

While drug use and workplace impairment are not new to Canadian employers, the legalization of cannabis has placed a renewed focus on what measures employers have in place to be compliant with the Criminal Code. Dan will help to answer questions like: Where is the line between acceptable and unacceptable off-duty use of cannabis? What is impairment? What is intoxication? How do alcohol and cannabis differ?

This session focuses on approaches and technologies currently in use, and what emerging technologies and tools should be considered. Dan's goal is to help employers evaluate their fit for duty options and implement solutions that reduce risk and offer practical, consistent, effective and defensible compliance measures.

➤ **Social Psychology of Risk**

Frank Garrett

10:45 AM - 11:45 AM

Extending risk management thinking beyond the traditional models, Frank will discuss the Social Psychology of Risk, how it fits into risk thinking and its relevance to safety culture. Industry has many tools designed for objective STEM-based risk assessment: energy wheels, risk matrices and an infinite number of checklists. But we often lose sight of the social aspect when applying these tools.

Frank will share how our social nature influences risk recognition and decision making. Anyone who leads or influences frontline workers can improve their effectiveness with an understanding of how we tackle risk at an unconscious level.

➤ **Respect, Civility and Dignity in the Workplace: Dealing with Conflict, Harassment and Bullying**

Pat Ferris

1:00 PM - 1:55 PM

The cost of bullying and harassment is substantial for organizations. In addition to preventing violence in the workplace, recent Alberta legislation (commonly called Bill 30) now makes employers legally responsible for worker harassment. Companies must have policies and procedures to address such issues, as well as training and communication with workers and supervisors about prevention.

Is your company ready to address the serious impact of harassment and bullying? Pat will discuss a range of interventions and resources to help companies prevent, monitor and respond to this important issue.

➤ **Industry Share**

Cory Beliveau - ARC Resources; Erik Mortensen - Imperial Oil

1:00 PM - 1:55 PM

Join Cory Beliveau as he presents, **There's an App for that: A New Approach to Management Systems**, ARC Resources' innovative approach to the development and delivery of their management system that can customize the delivery of information to each end user.

Erik Mortensen will share the human factors science behind the research on how **Presentation Clearly Matters: Improving Learning, Hazard ID & Knowledge Transfer by Using Media in Job Safety Analysis**.

➤ **Industry Share | IRP 7 Discussion: Standards for Wellsite Supervision of Drilling, Completion & Workovers**

Dwight Bulloch & Rick Theriau

1:00 PM - 1:55 PM

Wellsite operations often require multiple contractors, technical services and suppliers to work together to complete the objective. The prime contractor for the wellsite has overall responsibility for the work program, but there are several critical roles—both within and outside the prime contractor's organization—required to implement the appropriate controls to prevent serious outcomes at the wellsite.

Critical roles need to be assessed for competence, and this requires a formalized and auditable competency management framework. Join in this discussion and Q&A

about competency management, change management and collective competency for the planning and execution of wellsite activities.

➤ **Aiming for Wellness Together**

Jordin Tootoo
2:05 PM - 3:05 PM

When he suited up for the Nashville Predators in 2003, **Jordin Tootoo** was the first player of Inuk descent to play in the NHL. All the challenges and pressure would have been more than enough for any rookie, but Jordin faced something far more difficult: the tragic loss of his older brother before his first shift for the Predators.

Jordin, who grew up in Nunavut, says “it’s part of Canada that a lot of people struggle with mental health, addiction, and suicide. These issues are a national epidemic.” He has committed his life to reaching Canada’s Indigenous communities through his work with the Team Tootoo Foundation that he founded in honour of his late brother, Terence.

A bestselling author and seasoned speaker, Jordin brings an uplifting message of creating a culture of inspired inclusivity, telling humorous and authentic stories about his ground-breaking work on and off the ice. As the final keynote speaker of the conference, he will leave you uplifted and inspired, with clear takeaways on NHL-level teamwork skills.