

Preliminary Technical Program

Dated August 4, 2026

WEDNESDAY, SEPTEMBER 23					
Main Room Hall C	Room A1	Room A2	Room A3	Room A4	Room A5
Welcome Remarks 8:30 AM–9:00 AM: Kevin Mooney , President of ISSA Mining — Saskatchewan Workers' Compensation Board; Honorable Ken Cheveldayoff Minister of Advanced Education, Minister of Labour Relations and Workplace Safety, and Minister Responsible for the Saskatchewan Workers' Compensation Board					
Opening Keynotes 9:00 AM–9:30 AM: "Leading Safety in an Era of Complexity" — Ken Seitz , Nutrien 9:30 AM–10:30 AM: Keynote Presentations — Matthew Hallowell , Construction Safety Research Alliance (CSRA) & Mike Court , Graham					
Opening Panel: Leadership, Culture, Technology, Innovation 11:00 AM–12:30 PM: Joachim Loechte , RAG Aktiengesellschaft; Ewald Scheel , Progreso; Trevor Berg , Nutrien; Liam Mooney , Cameco Corporation	Panel: Contractor Safety 11:00 AM–12:30 PM: June Verhelst , Graham; Dave Speerbrecker , Thyssen Mining; Sigrid Roth , ISSA Trade - International Cooperation for Safety, Health and Wellbeing; Steve Wrixon , Kinross	Session: Moments That Matter Track: People, Health & Culture 11:00 AM–11:30 AM: VISION ZERO : Zero Starts with Leadership: Inspiring Safety Excellence — Karl-Heinz Noetel, BG BAU 11:30 AM–12:00 PM: Make The Most With Your Moments — Teresa Walker, Teresa Walker 12:00 PM–12:30 PM: Preventing and treating miner musculoskeletal injuries can be more than a minor challenge without the right plans and actions — Steven Passmore, University of Manitoba	Session: Smart Ground Control Track: Ground, Assets & Physical Risk 11:00 AM–11:30 AM: Sidewall Ground Support Evolution at Nutrien Lanigan — Maggie Peterson, Nutrien 11:30 AM–12:00 PM: High Performance Deep Learning GPR Feature Detector Model for Potash Mining — Raman Paranjape, University of Regina 12:00 PM–12:30 PM: Enhancing Mine Safety Through Distributed Fibre Optic Sensing (DFOS): Opportunities for Proactive Geotechnical and Tailings Risk Management — Zara Anderson, Sintela Ltd	Session: The Legal Line Track: Governance, Law & Systems 11:00 AM–11:30 AM: What Do the Courts Say? A Brief Update on Supervisor Liability and Criminal Negligence in Canada — John Agioritis, MLT Aikins LLP 11:30 AM–12:00 PM: Lived Experience from a Legal Practitioner: Navigating Due Diligence in the Mining Context — John Agioritis, MLT Aikins LLP 12:00 PM–12:30 PM: Examining the effects of cannabis-based edibles on cognition and driving performance in young drivers — Crizzle Alexander, University of Saskatchewan	Session: Technology That Removes Risk Track: Digital, AI & Automation 11:00 AM–11:30 AM: Eliminating Worker Exposure in Railcar Loading Through Automation Technologies — Scott Blacklock, BHP 11:30 AM–12:00 PM: Tele-Operated LHDs as a Safety Control: Lessons Learned from a Deep Underground Gold Mine — Tony Lumbwe, Hexagon Mining 12:00 PM–12:30 PM: Better Data Safer Work: Developing an Occupational Exposure Database — Amin Yazdani, Canadian Institute for Safety, Wellness, and Performance (CISWP)
Panel: Sustainability & ESG – Current Challenges, Innovative Solutions and Future Outlook Panel 2:00 PM–3:30 PM: Tom Wind , The Mosaic Company; Kim Swansey , KPMG Canada; Ben Chalmers , Mining Association of Canada; Asim Jaffry , Fair Finance Pakistan	Panel: Reproductive Health 2:00 PM–3:30 PM: Andrea Crittenden , Sixteen Safety Services Inc.; Allison Smith , Saskatchewan Polytechnic, Women in Trades & Technology (WITT); Amy Lewis , Prairie Industrial Health Services; Jocelyn Peltier-Huntley , Prairie Catalyst Consulting Corp.	Session: Moments That Matter, part II Track: People, Health & Culture 2:00 PM–2:30 PM: Beyond the Hot Wash: Psychological Health Before-During- & After a Potentially Traumatic Event — Jim Brayshaw, Sask Mental Health Inc. 2:30 PM–3:00 PM: Managing Critical Work — Jordan Eves, Energy Safety Canada 3:00 PM–3:30 PM: VISION ZERO : Developing ESG-Competences of Mining Executives by VISION ZERO: A Wake-up Call for University Education — Helmut Ehnies, Past President, ISSA Mining	Session: Ground Operations & Exposure Control Track: Ground, Assets & Physical Risk 2:00 PM–2:30 PM: Eliminating Exposure Through Haul Road Stabilization: A Case Study from Curries Landing — Todd Burns, Cypher Environmental 2:30 PM–3:00 PM: Risk-Reduction Approaches for Post-Blast Operational Re-Entry — Euler De Souza, AirFinders Inc. 3:00 PM–3:30 PM: Evolution of the Safety Image in Exploration — Aaron Brown, Cameco Corporation	Session: Safety in a Volatile World Track: Governance, Law & Systems 2:00 PM–2:30 PM: VISION ZERO : Adapting Vision Zero to Emergency Situations: Lessons from Ukraine's Emergency Response — Olha Bohdanova, ISSA Section in Construction 2:30 PM–3:00 PM: Assessment of the Environmental and Health Impacts of Mining in the Democratic Republic of Congo (DRC) — Janvier Gasana, GAPCI 3:00 PM–3:30 PM: Global Supply Chains – Innovation is Key — Sigrid Roth, ISSA Trade - International Cooperation for Safety, Health and Wellbeing	Session: Agent Advantage Track: Digital, AI & Automation 2:00 PM–2:30 PM: Building the Foundation: A Practical Roadmap for AI-Assisted Workforce Transformation in Mining — Andrea Hine, Wendy Labs Inc. 2:30 PM–3:00 PM: Are Conversation/Conversational IA Agents on Critical Controls in Mining Operations — Alex Cabrera, Previsis 3:00 PM–3:30 PM: Climate Risk and Resilience Analysis in Post-Mining Operations: RAG's Approach to DNSH Criteria for Climate Adaptation — Olaf Drusche, RAG Aktiengesellschaft
Panel: Fall Protection 4:00 PM–5:30 PM: Wayne Donnelly , Tuff Safety Solutions Canada Ltd.; Brad Frehlich , Axis Engineering Ltd.; Andre Pelland , Guardian Fall Protection; Justin Sousa , Gravisis Inc.	Panel: Psychological Health 4:00 PM–5:30 PM: Koren Waines , Clarity Unfolding; Mario Causevic , MYNWELL; Teresa Johnson , Sleepwell Consulting Alex Morales , Universidad Católica de Chile	Session: SIF Prevention Track: People, Health & Culture 4:00 PM–4:30 PM: VISION ZERO : Competence First: Qualification Requirements for the Safe Operation of Electrical Installations — Jens Juehling, International Social Security Association 4:30 PM–5:00 PM: Serious Injury and Fatality Reporting - A Decade of Responsible Sharing — Brad Sigurdson, SAGA Mining & Nuclear 5:00 PM–5:30 PM: Building a National Learning System for Fatality Prevention: Insights from a Cross-Sector Study of SIF Data Needs in Canadian Mining — Emily Tetzlaff, Wenco International Mining Systems	Session: Healthy Mine Environments Track: Ground, Assets & Physical Risk 4:00 PM–4:30 PM: Mitigating Exposure to Occupational Health Hazards in Ontario's Natural Resources Sectors — Steve Gore, Workplace Safety North 4:30 PM–5:00 PM: Real-Time Air Monitoring – Demand-Driven Ventilation — Brennan Kuny, ABC Canada Technology Group 5:00 PM–5:30 PM: Ventilation System Optimization and Radiological Safety in Support of Uranium Mine Development Planning — Mhula Kitindi, Cameco	Session: Better Every Day Track: Governance, Law & Systems 4:00 PM–4:30 PM: Building a Safer Future in Mining: Expanded-Scope Occupational and Mental Health Training for On-Site Medical Staff & Paramedics — Joshua Bezaonson, International SOS Medical Services Canada ULC 4:30 PM–5:00 PM: Better Has No Limit: Teck's Experience With Quality Improvement Plans — Joshua Tepper, Teck Resources Limited 5:00 PM–5:30 PM: Ergonomics in the Geological Workflow – Is the Mining Industry Lagging Behind? — Eric Dumais, CoreLift	Session: Digital Innovation and AI for Safer Mines Track: Digital, AI & Automation 4:00 PM–4:30 PM: Immersive Virtual Reality Training to Enhance Safety and Inclusion in Quarry Operations — Antonella Pireddu, Inail Italian National Institute for Insurance Against Accidents at Work 4:30 PM–5:00 PM: Implications of Artificial Intelligence for Structural Health Monitoring in Potash Mines Using Acoustic Impacts — Mohammad Islam Miah, University of Saskatchewan 5:00 PM–5:30 PM: The Hidden Safety Cost of Diagnostic Delay in Remote Mining: A Practical Bottleneck Audit Framework— Dan Gill, Lumeval

THURSDAY, SEPTEMBER 24

Keynotes

8:45 AM–9:00 AM: Welcome Remarks
9:00 AM–9:45 AM: Keynote Presentation —
David Provan, Forge Works

9:45 AM–10:30 AM: "Improving Safety Outcomes"
— **John Rhind**, RML & CIM President 2026-2027

Fireside Chat: Emerging Risk in North America

11:00 AM–12:00 PM:
Wayne D. Palmer, Mine Safety and Health
Administration;
Rich Nolan, National Mining Association;
Karen Swager, The Mosaic Company;
Scott Sturm, Westmoreland Mining

Panel: Safety Culture

11:00 AM–12:30 PM:
Gordon Winkel, University of Alberta;
Thomas Hethmon, Hethmon Associates LLC;
Thomas O'Neill, University of Calgary

Session: Staying Alert Track: People, Health & Culture

11:00 AM–11:30 AM: Sleep & State of Mind: The
Science, Safety Risks and Strategies — Teresa
Johnson, Sleepwell Consulting

11:30 AM–12:00 PM: Dead Tired: Beyond Eye-
Tracking — Mike Harnett, Solaris Fatigue
Management

12:00 PM–12:30 PM: SIF in the Routine — Dan
Jelinski, Nutrien

Session: Culture in Action: Leadership & Inclusion Track: People, Health & Culture

11:00 AM–11:30 AM: **VISION ZERO**: New Vision
Zero Guide - Positive Leadership – Key to VISION
ZERO: Turning a Prevention Culture into Daily
Leadership Behaviors — Frank Nesemann,
Positivity Guides

11:30 AM–12:00 PM: Leading for Innovation:
Building Psychological Safety in Mining Teams —
Samin Saadat, Jalapeno Employee Engagement

12:00 PM–12:30 PM: Neurodiversity as a Safety
Advantage: Creating Safety Systems That Work for
Everyone — Shari Lomon, Teck Resources Limited

Session: Safety is Shared Track: Governance, Law & Systems

11:00 AM–11:30 AM: Safety at Work: the Roles of
Management and of Government — Mark
Fuellemann, Practice & Experience Fuellemann

11:30 AM–12:00 PM: Process Safety in non-
process industries: Amusement Parks and Mining
— Janelle Adrain, Process Safety Essentials

12:00 PM–12:30 PM: Rethinking Industrial Fire
Brigade Training - Bridging the Gap Between NFPA
1081 and Real-World Industrial Risk — Reagan
Coppicus, Quint Services LTD

Session: Digital Intelligence for Safer Operations Track: Digital, AI & Automation

11:00 AM–11:30 AM: Interpretable Machine
Learning for Quantifying the Impact of Public
Health Events on Ore Production at Mine Sites —
Chengkail Fan, Laval University

11:30 AM–12:00 PM: Safety Framework to Safe
Actions: Transition from Legacy Silos to Platform
Unity — Taylor Thiessen, Hudbay Minerals Inc.

12:00 PM–12:30 PM: Leading Digital
Transformation for Safer Mines: A Portfolio
Governance Approach applied to an Underground
Gold Mine — Marine Echternach-Jaubert,
Federation des Francophones de Saskatoon

Panel: Case Studies of Vision Zero Implementation at Colombian Mines

2:00 PM–3:30 PM:
Ivan DelaRosa, ASONAP HSE;
César Herrera, ASONAP HSE;
Jaime Daza, Zijin Continental Gold;
Gabriel Martinez, Aris Mining Colombia

Panel: Exploration Safety

2:00 PM–3:30 PM:
Conrad Dix, Agnico Eagle Mines Limited;
Mike Derbawka, DIAS;
Robert Fleming, Team Drilling Limited
Partnership;
Jason Craven, NexGen Energy Ltd.

Session: Staying Alert, part II Track: People, Health & Culture

2:00 PM–2:30 PM: **VISION ZERO**: From Second
Victims to System Resilience: Addressing
Psychological Harm in High-Risk Industries —
Miriam Stuckert, International Section on
Prevention of Occupational Risks in Health
Services c/o BG Gesundheitsdienst und
Wohlfahrtspflege

2:30 PM–3:00 PM: Between Sunset and Sunrise:
Measuring Fatigue in the 24/7 Operation Using
Neurotechnology — Emily Tetzlaff, Wenco
International Mining Systems

3:00 PM–3:30 PM: Evaluating Pulsed Blue Light to
Support Alertness and Fatigue Management in Fly-
In/Fly-Out Mining Operations — Marc Hebert,
Cervo Brain Research Centre, Laval University

Session: Safe Minds, Safe Work Track: People, Health & Culture

2:00 PM–2:30 PM: Healthy and Safe Workplaces:
Mental Health, Civility and Respect in Action —
Sonya Tonkovich, Canadian Centre for
Occupational Health and Safety

2:30 PM–3:00 PM: **VISION ZERO** in Peruvian
Mines — Belisario Perez, Minsur S.A.

3:00 PM–3:30 PM: Mental Health in the Mining
Industry in Chile — Alex Morales, Universidad
Católica de Chile

Session: Beyond the Checklist Track: Governance, Law & Systems

2:00 PM–2:30 PM: Enforcement, Compliance, and
Culture: Evolving the Role of a Regulator Beyond
Inspections — Patty Ogilvie-Evans, Government of
Saskatchewan

2:30 PM–3:00 PM: Auditing Differently — Andy
Reimer, Energy Safety Canada

3:00 PM–3:30 PM: **VISION ZERO**: The Zero Harm
Mindset: Preventing Defeating of Safety Devices:
Leadership and Corporate Culture as Key
Influencing Factors — Andrea Weimar, ISSA
Section Machine and System Safety

Session: Digital Tools for Hazard Prevention Track: Digital, AI & Automation

2:00 PM–2:30 PM: Workplace Hazardous
Substance Exposures and Controls Using
Digitalization and AI — Gabriel Tekpetey, DQS
Global South Africa

2:30 PM–3:00 PM: TBC

3:00 PM–3:30 PM: TBC

Panel: Regulators

4:00 PM–5:30 PM:
Cary Ingram, NT & NU Workers Safety and
Compensation Commission;
Dave Rezansoff, Labour Relations and Workplace
Safety

Session: Safe Minds, Safe Work, part II Track: People, Health & Culture

4:00 PM–4:30 PM: The Mining Athlete – Physical &
Mental Readiness — Mario Causevic, MYNWELL

4:30 PM–5:00 PM: "Mentally Fit for Duty: Tackling
Mental Health Challenges in Mining" — Koren
Waines, Clarity Unfolding

5:00 PM–5:30 PM: SaskPower Journey on SIF
Reduction — Nidal Dabghi, SaskPower

Session: Beyond the Checklist, part II Track: Governance, Law & Systems

4:00 PM–4:30 PM: Integration of HSE Programs at
Capital Projects - A Contractor's Perspective —
Steve Wrixon, Kinross

4:30 PM–5:00 PM: Whole Systems Safety —
Thomas Hethmon, Hethmon Associates LLC

AI4Safe Mines Student Competition Presentations

3:45 PM–5:30 PM:
Five teams will present their projects, followed by
the judges announcing the winning team.