Safety On The Edge | L'ORÉAL | safemap | NASP | safeopedia | dss+

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Welcome to the Safety On The Edge Global Forum 2025

Pioneering the Future of Safety

Join our 2-day Global Forum in Berkeley, California in association with industry giants L'Oréal and facilitated by Safemap and NASP, bringing together safety leaders from industry, academia, and professional institutions. This inaugural event is designed to foster high-level sharing and networking with a common goal: to enhance safety and health.

Our impressive speaker list includes:

Speakers from Industry: NASA, Siemens, Southern Company, Pernod-Ricard, L'Oréal, Ball Corporation, Xylem, Merck KGaA and Tesla.

Keynote Speakers: Kim Greene, Todd Conklin, Pam Walaski & Dee Arp & Liz Horvath, Lorraine Martin, John Howard, Kathy Sutcliffe, James Frederick, Manal Azzi, and Andresa Hernandes.

Safety leaders/practitioners: Carl Macrae, Carole Smets, Corrie Pitzer, David Daniels, David Walker, Eric Gislason, Hans-Horst Konkolewsky, James Junkin, James Pomeroy, James Pomeroy, JC Le Coze, Kathy Seabrook, Kimberly Blanchard, Laurie Shelby, Lisa Brooks, Liz Horvath, Louisa Nara, Malcolm Staves, Megan Tranter, Nektarios Karanikas, Paige DeBaylo, Paul Leonard, Philip Delquié, Rajni Walia & Mike Snyder, Rebecca Hickman, Rodney Rocha, Ron Gantt, Sam Abadir, Scott Gaddis, Stuart Hughes, Tim Page-Bottorff, Tom Krause, and Trish Kerin.

Why Attend Safety On The Edge 2025?

Safety On The Edge 2025 is your compass in the complex safety landscape. Through sharing, networking, and learning, this forum will help you and your organization understand emerging trends, evaluate their relevance, and support your journey towards becoming future-ready.

Navigating a Changing World

In our rapidly evolving world, safety has never been more crucial. As we confront profound social and technological shifts, the paradigms of safety are evolving at an unprecedented pace. Globally, preventable fatality rates remain alarmingly high, and catastrophic events are becoming more common. Making the right safety decisions for your organization is more critical—and challenging—than ever before.

Addressing Key Questions

- Which safety practices are best suited for a world of complex technologies?
- What role does Artificial Intelligence play?
- How do these practices address challenges of transient workforces and the gig economy?
- What about Industry 4.0 and 5.0?

Bridging Industry and Academia

Safety On The Edge 2025 is set to be the foremost event merging theory and practice, academia and industry, and professional expertise on complex organizational systems. This forum will connect research with real-world applications, offering insights through presentations, debates, and panel discussions. All profits from the events will be donated to selected charities.

Join us at the Safety On The Edge Global Forum 2025.

REGISTRATION INCLUSIONS

Podcasts
Thoughtful conversations with influential safety people.

Webinars
Engage with and learn from global safety leaders.

Market Square
Connecting services and experience with those in need.

Whitepapers
Tap into a wealth of cutting edge knowledge and research.

Key Global Forum Themes

Paradigm Shifts

Dive into discussions on the need for new safety management paradigms that adapt and shift dynamically with evolving business realities and societal trends.

Enabling discourse

Different approaches to safety exist and new ones evolving in a changing landscape. Key questions arise: Which are suited for a world of complex technologies, Artificial Intelligence, transient work forces, the gig economy and Industry 4.0 or 5.0.

Innovative Management Models

Discover ground-breaking safety management models designed to proactively address emerging risks in our fast-paced environment.

Powerful Alliances

Forge connections between theory and practice, creating a powerful alliance that fosters safety excellence in both academia and the business world.

Adapting to the Future

Uncover strategies to navigate the challenges posed by Industry 4.0 (and 5.0), where new business practices and exponential technological advancements are the norm.

Accelerate Technology and Safety

Explore the impact of rapid technological advancements on safety practices and learn how to harness safety engineering and technology for enhanced safety measures.

Global Forum Streams

Stream 1

- Leadership, Culture and Organizational Development (OD)
- New Safety Paradigms (NSP)
- Behavioral/Cognitive models

Stream 2

- Risk Management
- Process Engineering
- Safety Technology

Stream 3

- High Reliability Organizations (HRO)
- Systems Engineering
- Resilience Engineering

"The world we have created is a product of our thinking. It cannot be changed without changing our thinking." Albert Einstein

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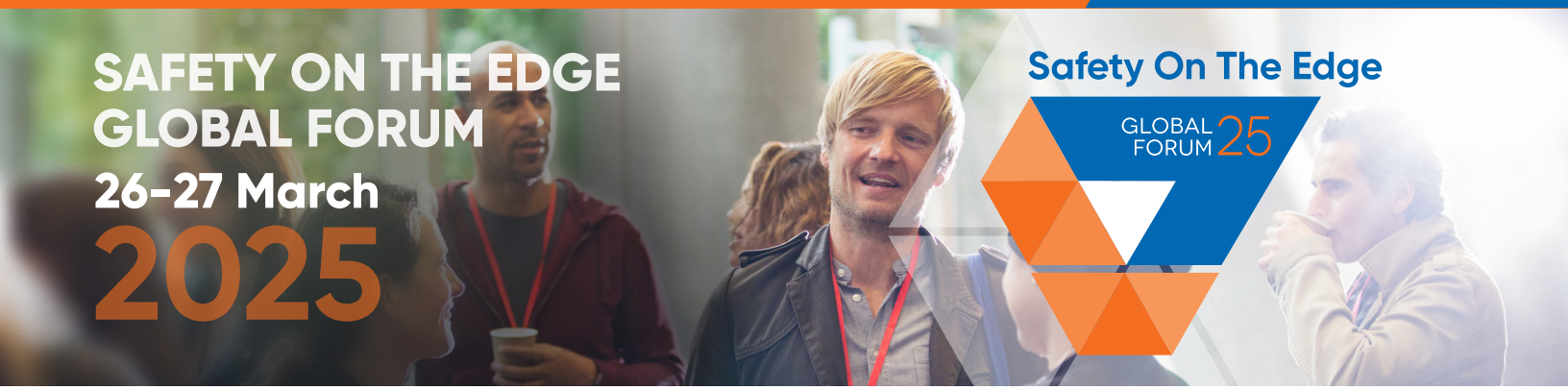

Call for abstracts in the following fields of study and application.

Stream 1

Leadership, Culture and Organizational Sustainability/ESG)

The field of leadership, culture, and organizational development in safety integrates leadership, a positive safety culture, and organizational sustainability. It emphasizes leadership, commitment, effective communication, trust, and employee engagement. Key aspects include training, ensuring safety is a core value embedded in all organizational operations, and a focus on mental wellness and psychological safety and psychosocial risks..

New Safety Paradigms

The field of 'New Safety Paradigms', or Safety-II/Differently and HOP, emphasizes adaptability, resilience, and positive outcomes in complex systems. It focuses on resilience, human factors, and learning from success, viewing safety as an emergent property of interconnected elements. This approach prioritizes proactive safety management, understanding specific contexts, and enabling systems to function successfully under varying conditions.

Behavioral/Cognitive

The behavioral field in safety focuses on understanding and influencing human behaviors to improve safety outcomes in various environments, such as workplaces, homes, public spaces, and transportation systems. This field integrates principles from psychology, sociology, human factors, and organizational behavior to design interventions that promote safe practices and reduce the risk of accidents and injuries.

Stream 2

Risk management

Risk management in safety involves identifying, assessing, and mitigating risks to protect individuals and assets. Key components include hazard recognition, risk evaluation, and implementing risk reduction strategies. This includes developing safety protocols, emergency plans, and regulatory compliance. Continuous improvement, crisis management, safety culture, and technology integration for real-time monitoring and predictive modeling are essential. It's a dynamic, collaborative process requiring ongoing commitment. This aspect includes high risk, catastrophic yet low probability as well as serious injury and fatality (SIF) prevention management.

Safety/Process Engineering

Safety/Process Engineering ensures safe, efficient operations across industries by identifying hazards, assessing risks, and implementing safety measures primarily through safety by design or design for safety. Key aspects include risk assessments, integrating safety features, complying with standards, hazard analyses, designing safety systems, emergency preparedness, considering human factors, enhancing reliability, process safety, accident investigations, and communication.

Safety Technology – Next Generation Tools

Safety technology leverages advanced tools to enhance safety, mitigate risks, and prevent accidents across industries. It may use real-time monitoring, sensors, IoT devices, predictive analytics, machine learning to detect hazards as well as the numerous applications of Artificial Intelligence. Key aspects include Safety Instrumented Systems, drones, robotics, wearable tech, AR/VR training, automation, biometric access, communication systems, virtual assessments, blockchain for safety records, and autonomous vehicles, all promoting safer work environments.

Stream 3

High Reliability Organizations

High Reliability Organizations (HROs) thrive in complex, high-risk environments by ensuring exceptional reliability and safety management. Key traits include constant vigilance, avoiding oversimplification, operational sensitivity, resilience, continuous learning, deference to expertise, mindfulness, decentralized decision-making, redundancy, crisis preparedness, open communication, and strong leadership. HROs empower front line workers, value expertise, and foster a culture of openness and continuous improvement, benefiting industries like aviation and healthcare.

Systems Engineering

Systems engineering is an interdisciplinary field focusing on the design, integration, and management of complex systems. It involves requirements engineering, system design, integration/testing, and life cycle management. Key aspects include risk mitigation, decision analysis, modeling, simulation, configuration management, and verification/validation. Interdisciplinary collaboration and quality assurance are essential. Applied across industries like aerospace, defense, automotive, healthcare, and IT, it ensures efficient and effective outcomes through integrated systems methodologies.

Resilience engineering

Resilience engineering, emerging from high-risk industries like aviation and healthcare, enhances complex systems' ability to handle unexpected challenges whilst managing their impact. It focuses on system complexity, adaptation to changes, and learning from successes and failures. Emphasizing human factors and proactive preparation, it fosters a safety culture beyond rule compliance. Applied in IT and finance, it aims to fortify systems against uncertainties through the promotion of flexibility and adaptability.