Topic: Next Generation Risk Assessment Modelling Methods (Dynamic and Dependent Tree Theory, D^2T^2), part 1. Organizer(s): John Andrews, Silvia Tolo.

Topic: Next Generation Risk Assessment Modelling Methods (Dynamic and Dependent Tree Theory, D^2T^2), part 2. Organizer(s): John Andrews, Silvia Tolo.

Topic: Reinforcement Learning for RAMS applications. Organizer(s): Piero Baraldi, Michele Compare, Enrico Zio.

Topic: Transfer Learning methods for Prognostics and Health Management (PHM) and Predictive Maintenance. Organizer(s): Piero Baraldi, Olga Fink, Enrico Zio.

Topic: Advances in maintenance modelling and its applications.
Organizer(s): Lucía Bautista Bárcena, Inmaculada Torres Castro.

Topic: Regional risk and resilience analysis: from hazards to urban growth.
Organizer(s): Alessandro Contento, Paolo Gardoni.

Topic: Survival Signature for System Reliability.
Organizer(s): Frank Coolen.

Topic: Reliability and Resilience of Complex Systems, and Systems of Systems.
Organizer: Pierre Dersin.

Topic: Natural Language Processing, Knowledge Graphs and Ontologies for RAMS Applications.
Organizer(s): Piero Baraldi, Marcio Jose das Chagas Moura, Enrico Zio.

Topic: Regional risk and resilience analysis: from hazards to urban growth
Organizer(s): Alessandro Contento, Paolo Gardoni.

Topic: Integration of Sustainability with Risk Assessment and Management and Occupational Health and Safety.
Organizer(s): Francesco Di Paco, Marco Frosolini, Roberto Gabbrielli, Leonardo Marrazzini.

Topic: Quantum-based Optimization and Inference for Risk and Reliability Applications.
Organizer(s): Enrique Lopez Droguett, Gabriel San Martin.

Topic: Quantum Machine Learning for Risk And Reliability Applications
Organizer(s): Enrique Lopez Droguett, Aadi Tiwari.

Topic: Hidden Markov Models In Reliability and Maintenance.
Organizer(s): Maria Luz Gámiz.

Topic: New approaches to dependency quantification of human reliability.
Organizer(s): Yochan Kim.

Topic: Recent ontological, methodological, and operational advances in resilience.
Organizer(s): Omar Kammouh, Hiba Baroud, Maria Nogal.

Topic: Critical Infrastructure Safety Analysis.
Organizer(s): Krzysztof Kołowrocki.

Topic: Towards Resilience Assessment Of Power Systems.
Organizer(s): Vytis Kopustinskas.

Topic: Resilience and sustainability of multi-modal transportation networks.
Organizer(s): Corinna Köpke, Janis Simons, Kris Schroven.

Topic: Risk analysis and Safety in Standardization.
Organizer(s): Luca Landi, Fabio Pera.

Topic: LIFE SECURDOMINO. Real-time risk assessment of industrial facilities based on the integration of safety and security.
Organizer(s): Gabriele Landucci, Zdeněk Vintr.

Topic: Human AI teaming & Collaborative Intelligence for Safety Critical Systems.
Organizer(s): Maria Chiara Leva, Hector Diego Estrada Lugo, Bernard Moser.

Topic: Case Studies on Industrial Predictive Reliability: focus on numerical validation.
Organizer(s): Maciej Majerczak, Ewelina Czerlunczakiewicz, Marco Bonato.

Topic: Dynamic risk analysis and emergency management for complex human-machine systems.
Organizer(s): Huixing Meng, Renyou Zhang, He Li, Jinduo Xing.

Topic: Data-driven predictive maintenance.
Organizer(s): Mihaela Mitici, Zhiguo Zeng, David Coit.

Topic: Advances in Reliability Engineering and Risk Management in Oil and Gas Industries
Organizer(s): Márcio José das Chagas Moura, Isis Didier Lins, Enrique Andrés López Droguett, Manoel Feliciano Silva.

Topic: Advances In Structured Expert Judgment.
Organizer(s): Tina Nane and Anca Hanea.

Topic: New safety challenges: from risk to safety and security in new perspectives.
Organizer(s): Mario di Nardo, Arvind Upadhyay.

Topic: Trustworthy Model V&V and Digital Twins of Complex and Nonlinear Engineering Systems.
Organizer(s): Susmita Naskar, Tanmoy Mukhopadhyay, Jian Zhou, Sifeng Bi, Yi Ren, Edoardo Patelli, Michael Beer.

Topic: Safe and sustainable hydrogen technologies, Part 1.
Organizer(s): Nicola Paltrinieri.

Topic: Safe and sustainable hydrogen technologies, Part 2.
Organizer(s): Nicola Paltrinieri.

Topic: Assessment of physical protection systems.
Organizer(s): Zdenek Vintr.

Topic: Cost-Benefit Decisions under Uncertainty.
Organizer(s): Kai-Dietrich Wolf, Enrico Zio.

Info on Deadline Extension

We will review late contributions, without changing the official deadline.
And, you will have time to improve your final contributions after the review.

Happy New Year 2024!
and
Great Scientific Success at ESREL 2024

ESREL 2024 Organizers
https://esrel2024.com