27.11.2023.

The Current Status of Special Sessions

Dear Colleagues,
The Organizers of ESREL 2024 Special Sessions,

We would like to inform you that at the moment, the list od Special Sessions given at the ESREL 2024 Website https://esrel2024.com is only the proposed by the organizers collection of sessions. Their current status is given below. Only few of them are formally accepted now.

The Organizers who want to receive their sessions' acceptance should follow the procedure given in the attachment (ESREL 2024 Call for Papers, Extended Abstracts & Special Sessions).

The deadline for contribution of the final Special Session Form accompanying with the full Papers and/or Extended Abstracts submitted seperately is the 1st of January 2024.

Best regards,
Krzysztof

ESREL 2024 Special Sessions & Organizers
The Current Status of Special Sessions (in red)

SS1. Functional safety and cybersecurity in industrial systems. Organizer: Marcin Śliwiński. Acceptance not sent.

SS2. Advances in resilience enhancement and assessment of critical energy infrastructures. Organizer: V. Kopustinskas. Acceptance not sent.

SS3. Assessment of physical protection systems. Organizer: Zdenek Vintr. Acceptance not sent.

SS4. LIFE SECURDOMINO. Real-time risk assessment of industrial facilities based on the integration of safety and security. Organizers: Zdenek Vintr, Gabriele Landucci. **Acceptance sent.**

SS5. Cybersecurity of the IACS and IIoT components. Organizer: Andrzej Białas. Acceptance not sent.

SS6. Next generation risk assessment modelling methods: Dynamic and Dependent Tree Theory, D^2T^2. Part 1. Organizers: John Andrews, Kate Sanderson. Acceptance not sent.

SS7. Next generation risk assessment modelling methods: Dynamic and Dependent Tree Theory, D^2T^2. Part 2. Organizers: John Andrews, Kate Sanderson. Acceptance not sent.

SS8. Next generation risk assessment modelling methods: Dynamic and Dependent Tree Theory, D^2T^2. Part 3. Organizers: John Andrews, Kate Sanderson. Acceptance not sent.

SS9. Advances in resilience enhancement and assessment of critical energy infrastructures. Organizer: Mohamed Eid. Acceptance not sent.

SS10. Reliability and resilience of complex systems and systems of systems. Organizer: Pierre Dersin. Acceptance not sent.

SS11. Risk models for lifetime data. Organizer: Mei-Ling Ting Lee. Cancelled.

SS12. Reliability and cybersecurity risk management systems. Organizer: Andrzej Kozak, Acceptance not sent.

SS13. Advances in maintenance modelling and its applications. Organisers: Lucía Bautista Bárcena, Inmaculada Torres Castro. Acceptance not sent.

SS14. New safety challenges: from risk to safety and security in new perspectives. Organizers: Mario di Nardo, Arvind Upadhyay. Acceptance not sent.

SS15. Model-based systems engineering and system dynamics for risk assessment. Organizers: Osiris A. Valdez Banda, Ahmad Bahoo-Toroody, Sunil Basnet. Acceptance not sent.

SS16. Regional risk and resilience analysis: from hazards to urban growth. Organizer: Alessandro Contento. Acceptance not sent.

SS17. Safe and sustainable hydrogen technologies. Organizer: Nicola Paltrinieri. Acceptance not sent.

SS18. Survival signature for system reliability. Organizer: Frank Coolen. Acceptance not sent.

SS19. Sustainable aviation: Safety and reliability considerations in a changing world. Organizers: Paweł Gołda, Justyna Tomaszewska. Acceptance not sent.

SS20. Challenges and opportunities in implementing drone inspections across industries. Organizers: Paweł Gołda, Justyna Tomaszewska. Acceptance not sent.

SS21. Safety, resilience and reliability of renewable energy systems. Organizers: Mahmoud Shafiee, Enrico Zio. Acceptance not sent.

SS22. Resilience and sustainability of multi-modal transportation networks. Organizer: Corinna Köpke. **Acceptance sent.**

SS23. Critical Infrastructure Safety Analysis. Organizer: Krzysztof Kołowrocki. **Acceptance sent.**

SS24. Risk analysis and safety in standardization. Organizers: Luca Landi, Heinrich Moedden. Acceptance not sent.

SS25. Recent advances in maintenance engineering at the age of Industry 5.0. Organizers: Jan Stoker, Sylwia Werbinska-Wojciechowska, Robert Giel. Acceptance not sent.

SS26. New approaches to dependency quantification of human reliability. Organizer: Yochan Kim. Acceptance not sent.

S27. Reinforcing safety, reliability, and cyber security through digital twins. Organizers: Clara Maathuis, Sabarathinam Chockalingam. Acceptance not sent.

SS28. Climate Change and Extreme Weather Events Impacts on Critical Infrastructures Risk and Resilience. Organizers: Francesco Di Maio, Masoud Naseri, Enrico Zio. Acceptance not sent.

SS 29. Reliability and Resilience of Interdependent Cyber-Physical Systems. Organizers: Francesco Di Maio, Yi-Ping Fang, Enrico Zio. Acceptance not sent.

SS30. Artificial Intelligence, Meta-Modelling and Advanced Simulation for the Safety Analysis of Nuclear Systems. Organizers: Francesco Di Maio, Nicola Pedroni, Enrico Zio. Acceptance not sent.

SS31. Computational and Simulation-based Risk Assessment. Organizers: Francesco Di Maio, Tarandom Parhizkar, Enrico Zio. Acceptance not sent.

SS32. Resilience of Cyber-Physical Systems (CPSs) to Security Attacks. Organizers: Francesco Di Maio, Wei Wang, Greta Nasi, Enrico Zio. Acceptance not sent.

SS33. Bayesian Networks for Oil & Gas Risk Assessment. Organizers: Luca Decarli, Francesco Di Maio. Enrico Zio. Acceptance not sent.

SS34. Hidden Markov Models in Reliability and Maintenance. Organizer: María Luz Gamiz. Acceptance not sent.

SS35. Data-driven Predictive Maintenance. Organizers: Mihaela Mitici, Zhiguo Zeng, David Coit. **Acceptance sent.**

SS36. Integration of Sustainability with Risk Assessment and Management and Occupational Health and Safety. Oganizers: Francesco Di Paco, Marco Frosolini, Roberto Gabbrielli, Leonardo Marrazzini. **Acceptance sent.**

SS37. Quantum-based Optimization and Inference for Risk and Reliability Applications. Organizers: Enrique Lopez Droguett, Gabriel San Martin. **Acceptance sent.**

SS38. Quantum Machine Learning for Risk and Reliability Applications. Organizers: Enrique Lopez Droguett, Gabriel San Martin. **Acceptance sent.**

On behalf of
ESREL 2024 Scientific Committee
Prof. Krzysztof Kołowrocki
ESREL 2024 General Chairman

27.11.2023.

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Date and Signature