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Scientific Committee

223 Members fixed, still under completion

Location

The conference venue is in the city of Cracow, a city at the southern part of Poland, one of the European Capitals of Science, Culture and Tourism.

The conference and the workshop will be held at the Faculty of Mathematics and Informatics of Jagiellonian University (https://en.uj.edu.pl/en_GB).



We look forward to welcoming you to Cracow to discuss the latest developments and hot topics in safety, security and reliability.

First Announcement

European Safety & Reliability Conference



Cracow ♦ Poland

Organizers

European Safety and Reliability Association
Polish Safety and Reliability Association

Website

<https://esrel2024.com>

We are delighted to announce ESREL 2024, the 34th European Safety and Reliability Conference. ESREL is the annual event in the area of reliability analysis, risk assessment, risk management and optimization of the safety performance of socio-technological systems. This conference runs under the auspices of the European Safety and Reliability Association (ESRA, <https://esra.website/>). This time, ESREL 2024 is organized by Polish Safety and Reliability Association (PSRA, <http://ptbn.pl/psra/>) and it is devoted to advances in reliability, safety and security. The ESREL 2024 Conference will be held on 23–27 June 2024 and it will be accompanied with the Post ESREL 2024 Workshop on 28–30 June 2024. The Workshop will be dedicated to training courses and research projects in reliability, safety and security.

Structure

There will be organized Thematic Sessions (in 6–8 parallel streams), Special Sessions (22 sessions fixed, still under completion), Plenary Keynote Speeches (8 speeches fixed). Complete Proposals for Special Sessions are requested to be submitted no later than January 1st, 2024, by completing the form available at the ESREL 2024 Conference website.

Language

The Conference language is English. No translation will be provided.



Methodology & Application Areas

ESREL 2024 will be devoted to current advances in reliability, safety and security in the scope of the following Methodology Areas and Application Areas:

MA. Methodology Areas

- MA1. Accident and incident modelling
- MA2. Complex systems and critical infrastructures reliability, safety and security modelling and optimization
- MA3. Complex systems and critical infrastructures maintenance strategies
- MA4. Complex systems and critical infrastructure business continuity modelling and optimization
- MA5. Crisis management support systems
- MA6. Cybersecurity and functional safety in hazardous systems
- MA7. Disaster preparedness, mitigation and response
- MA8. Human factors in system reliability, safety and security
- MA9. Mathematical methods in reliability, safety and security
- MA10. Monitoring and early warning systems
- MA11. Occupational safety
- MA12. Prognostics and system health management
- MA13. Reliability, safety and security of components and systems
- MA14. Reliability, safety and security related management systems
- MA15. Research challenges concerning sustainability, safety and security
- MA16. Risk and reliability assessment and management
- MA17. Security, vulnerability and resilience of systems
- MA18. Simulation based methods for reliability, safety and security
- MA19. Statistical methods in reliability, safety and security
- MA20. Uncertainty analysis
- MA21. Other

AA. Application Areas

- AA1. Aeronautics and aerospace
- AA2. Artificial intelligence
- AA3. Chemical and process industry
- AA4. Civil engineering
- AA5. Critical infrastructures
- AA6. Cyber systems
- AA7. Energy
- AA8. Food
- AA9. Gas extraction and distribution
- AA10. Healthcare
- AA11. Heating
- AA12. Hydrogen technologies
- AA13. Industrial automation and control
- AA14. Industry 4.0 and 5.0
- AA15. Information and communication
- AA16. Land transport
- AA17. Manufacturing
- AA18. Maritime and offshore
- AA19. Mines and coal mining
- AA20. Monitoring
- AA21. Natural and operation hazards
- AA22. Nuclear power plants
- AA23. Occupational conditions
- AA24. Oil extraction and distribution
- AA25. Water supply
- AA26. Robotics
- AA27. Supply chains and logistic networks
- AA28. Smart buildings
- AA29. Other

Submission

Authors are requested to submit their paper full texts, extended abstracts, training course abstracts and research project conceptions electronically through the conference website. The permissible length of the full paper text, the training course abstract and the research project conception is set in the range from 8 up to 10 and extended abstracts from 1 up to 2 pages of A4 size. These contributions prepared exactly according to the templates and samples/examples available at the conference website will be accepted after the reviewing process performed by the Members of Conference Scientific Committee.

Details on how to submit the above works can be found on the conference website under the button "Instructions for Contribution Submission".

Short abstracts sent separately are not collected and will be automatically rejected.

Publications

The contributed and accepted the Conference papers and extended abstracts will be published in the PSRA Monograph (online published with open access, referenced by WoS and Scopus):

**Advances in Reliability, Safety and Security
ESREL 2024 Contributions, Part 1 – Part 10
Academic Press Book Series.**

One Part of printed Monograph with the Author's paper or another Part selected by the Attendee without paper will be given to Participant (upon prior expression of interest given in the Registration Form).

The conducted at the Workshop training courses will be published in the PSRA Monograph:

**Critical Infrastructure Safety Training Courses
Part 1 – Part 5
Academic Press Book Series.**

One Part of printed Monograph and Power Point Presentations of 6 Training Courses will be given to the Workshop Attendee.

The contributed and accepted Workshop training course abstracts and research project conceptions will be published in the PSRA Monograph (online published with open access, referenced by WoS and Scopus):

Safety and Reliability of Systems and Processes.

The authors of papers, selected by ESREL 2024 Organizers, will be proposed to contribute their papers' extended versions to the reputed Scientific Journals, from the list fixed together with their Editors, to be considered, upon separate review, for publication after the conference.

ESREL 2024 Registration Fee

Attendance in Person

Payment	Before 01.04.2024	In time 01.04–01.05.2024
ESRA Member	600 Euro	700 Euro
Non ESRA Member	650 Euro	750 Euro
PhD Student	400 Euro	500 Euro
Accompanying Person	350 Euro	450 Euro

ESREL 2024 Timetable of Events

- First Announcement **September 1st, 2023**
- Call for Special Session **October 1st, 2023**
- Call for Papers and Extended Abstracts **October 1st, 2023**
- Submissions' Deadline **January 1st, 2024**
- Notification of Acceptance **March 1st, 2024**
- Early Registration & Fee Payment **April 1st, 2024**
- Late Registration & Fee Payment **May 1st, 2024**
- ESREL 2024 Conference **June 23–27, 2024**

Post ESREL 2024 Workshop Registration Fee

Attendance in Person

Payment	Before 01.04.2024	In time 01.04–01.05.2024
ESRA Member	400 Euro	500 Euro
Non ESRA Member	450 Euro	550 Euro
PhD Student	300 Euro	400 Euro
Accompanying Person	300 Euro	400 Euro

Post ESREL 2024 Workshop Timetable of Events

- First Announcement **September 1st, 2023**
- Call for Training Course Abstract **October 1st, 2023**
- Call for Research Project Conception **October 1st, 2023**
- Submissions' Deadline **January 1st, 2024**
- Notification of Acceptance **March 1st, 2024**
- Early Registration & Fee Payment **April 1st, 2024**
- Late Registration & Fee Payment **May 1st, 2024**
- Post ESREL 2024 Workshop **June 28–30, 2024**