



European Safety, Reliability & Data Association

67th ESReDA Seminar
Trustworthy Complex and Intelligent Systems
September 25th – 26th, 2025
DNV Headquarters, Høvik (Norway)



Scope:

We are pleased to announce this 67th ESReDA seminar dedicated to exploring the challenges and solutions associated with developing and deploying trustworthy complex and intelligent systems. The seminar will delve into various aspects of building and managing trustworthy systems, focusing on the following topics:

- Autonomous Systems: Advancements and challenges in the deployment of autonomous vehicles, vessels, drones, and robots, emphasizing safety and trust.
- AI Agents: Issues related to trust and safety of agentic AI systems.
- Complex Industrial Systems: The use of modelling, simulation, and AI for understanding, controlling, or managing complex systems.
- Multi-Agent AI: Trust and safety issues in systems involving multiple AI entities.
- Ethical and Social Implications and Governance: Societal impacts and governance of intelligent systems, including privacy, bias, and ethical considerations.

Call for papers:

We invite submissions from researchers, industry experts, policymakers, and practitioners interested in the development and governance of trustworthy systems. Papers may cover theoretical advances, practical implementations, case studies, and interdisciplinary approaches.

Submission Guidelines:

- Abstract Submission Deadline: **30.05.2025**
- Notification of Acceptance: **13.06.2025**
- Registration Deadline (for presenters): **27.06.2025**
- Registration Deadline (for participants): **05.09.2025**
- Final Presentation Submission Deadline: **19.09.2025**
(as PowerPoint and PDF. The PDF will be published in the seminar proceedings).

Abstracts should not exceed 400 words. The language of the seminar is English.

Note: we also accept suggestions for **poster presentations**, which will be displayed in the break areas and showcased in a special session. **Please indicate in your proposal of abstract if it is for presentation in oral or poster sessions.**

Authors wishing to present a paper or a poster are invited to submit the abstract by mail to Siegfried Eisinger (siegfried.eisinger@dnv.com) and Antonio Guillen (ajguillen@us.es) in Cc.

Keynote speakers:

- [Prof. Ingrid B. Utne](#) is a professor at the NTNU Department of Marine Technology, and an expert on risk analysis of complex systems. In recent years, her focus has been on implementation of risk-aware AI/mission planning and decision making in robotics, particularly autonomous ships, drones ASVs and AUVs.
- [Prof. Hector Zenil](#) is an associate professor at King's College with a prolific academic and entrepreneurial career spanning many disciplines, including complexity science, artificial intelligence, computer science, precision healthcare and ageing research. He contributed to the computational linguistics' code behind WolframAlpha, Siri, Alexa, and GPT4. He has authored 130+ academic papers and multiple books,

including 'Algorithmic Information Dynamics' and 'A Computable Universe', and is Managing Editor of the Complex Systems journal.

- [Prof. Gaute T. Einevoll](#) is a professor of physics at the Norwegian University of Life Sciences and the University of Oslo, with focus on computational neuroscience. He is a partner in the EU Human Brain Project and co-leader of the Norwegian node of the International Neuroinformatics Coordinating Facility (INCF). He also hosts the Norwegian science podcast 'Vett og vitenskap med Gaute Einevoll' and the 'Theoretical Neuroscience Podcast' and has authored several books.

Organizing committee:

- Siegfried Eisinger, Siegfried.Eisinger@DNV.com
- Andreas Hafver, Andreas.Hafver@DNV.com
- Christian Andersson, Christian.Andersson@DNV.com
- Carla Ferreira (DNV)
- Frank Børre Pedersen (DNV)
- Tita Alissa Bach (DNV)

Technical Program Committee

The TPC is still under completion

Procedure to submit the paper and to register

The language of the seminar is English.

Final papers/presentations (4 to 12 A4 pages) should be submitted as specified above.

Presentations and posters will be published by ESReDA in the online proceedings.

Authors wishing to contribute with a presentation or poster are invited to submit an abstract by mail to Siegfried Eisinger (siegfried.eisinger@dnv.com) and in Cc to Antonio Guillen (ajguillen@us.es).

Guidance for authors and speakers about the presentations and posters will be sent directly to authors after proposals' acceptance.

More information will be announced soon and continually updated on ESREDA webpage:
<http://www.esreda.org/>

Seminars Proceedings

The final proceedings of the 67th Seminar will be edited in the form of Technical Report and e-published with open public access.

Registration and Seminar Fee

A registration form and information package for the venue will be made available on the ESReDA website (<http://www.esreda.org/>).

The registration fees are €300.

Fees are to be paid by **bank transfer only** to ESReDA account:

Holder: ESReDA
Bank: BNP Paribas Fortis Bank, Boulevard Jamar 1 D, 1060 Bruells, Belgium
IBAN: BE69 0012 3728 1678
BIC: GEBABEBB
Subject: 67th ESReDA Seminar – Registration fees

Fee waiver:

- Fees will be waived for one speaker per accepted paper or poster.
- The participation fees for ESReDA members are taken in charge by the Seminar (in the limit of 3 participants per ESReDA member).

About DNV

DNV is an independent assurance and risk management provider, operating in more than 100 countries, with the purpose of safeguarding life, property, and the environment. As a trusted voice for many of the world's most successful organizations, we help seize opportunities and tackle the risks arising from global transformations.

We use our broad experience and deep expertise to advance safety and sustainable performance, set industry standards, and inspire and invent solutions.

About ESReDA ⁽¹⁾

ESReDA is a No-profit European Association which provides a forum for the exchange of information, data and current research in Safety and Reliability and a focus for specialist expertise.

The Safety and Reliability of processes and products are topics which are the focus of increasing interest Europe wide. Safety and Reliability Engineering is viewed as being an important component in the design of a system. However, the discipline and its tools and methods are still evolving and expertise and knowledge dispersed throughout Europe. There is a need to pool the resources and knowledge within Europe and ESReDA provides the means to achieve this.

ESReDA was established in 1992 to promote research, application and training in Reliability, Availability, Maintainability and Safety (RAMS). The Association provides a forum for the exchange of information, data and current research in Safety and Reliability and a focus for specialist expertise.

*(1) ESReDA: European Safety, Reliability & Data Association
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Association internationale sans but lucratif, régis par la loi Belge du 27 Juin 1921-Titre III
(Registration N°: 0452522618 - Siret:E00005802)
www.esreda.org*

ESReDA Project Group

The subject of the seminar emerges from an established ESReDA Project Group where we organized webinars during Covid time. If there is interest in the audience, this PG could be reactivated in some form. We are open for your suggestions.

For all your enquiries and demands of additional information, would you please use e-mail: Siegfried Eisinger (siegfried.eisinger@dnv.com) with Antonio Guillén (ajguillen@us.es) in Cc.

Seminar Venue and Practical Information

(in preparation)