CALL FOR PAPERS - SPECIAL SESSION
"Fortification and Resilience of Systems at Risk: Security, Reliability, and Optimization"
for CODIT 2026
July 13-16, 2026 ▪ Bari, Italy

Session Co-Chairs:

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Session description:

Modern technological systems, including industrial infrastructures, transport networks, hospitals, education infrastructure, and other critical structures, are increasingly exposed to faults, cyber-attacks, and operational uncertainties. This session focuses on strategies for the fortification and resilience of systems at risk, aiming to enhance their security, reliability, and overall performance under adverse conditions.

Contributions are invited on advanced methodologies for resilient system design, fault detection, fault-tolerant control, attack mitigation, and AI-driven optimization. The session addresses systems across multiple domains, including energy, manufacturing, transport, healthcare, hospitals, education, critical infrastructures, and industrial automation.

 The topics of interest include, but are not limited to:

- Resilience-oriented risk assessment and vulnerability analysis
- Fault tolerance and resilience with systems design
- Cybersecurity and intrusion detection in industrial, transport, hospital, education, and cyber-physical systems
- AI and data-driven approaches for resilient monitoring, control, and optimization
- Modeling, simulation, and formal verification of systems at risk
- Integration of emerging technologies to enhance system resilience and protection
- Case studies and applications in industrial, urban, transport, hospital, education, and critical infrastructures

This session provides a platform for researchers, engineers, and practitioners to share innovations and solutions that strengthen the resilience, security, and robustness of systems exposed to operational, cyber, and physical risks.

SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **February 07, 2026:** **http://controls.papercept.net/conferences/scripts/start.pl**. In PaperCept, click on the **CoDIT 2026 link "Submit a Contribution to CoDIT 2026" and follow the steps.**

IMPORTANT: All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).

DEADLINES

February 07, 2026: deadline for paper submission

April 30, 2026: notification of acceptance/reject

May 20, 2026: deadline for final paper and registration