

CALL FOR PAPERS

SECOND INTERNATIONAL CONFERENCE ON SYSTEM RELIABILITY AND SAFETY DECEMBER 20-22, 2017 / MILAN, ITALY

WWW.ICSRG.ORG

ICSRG 2017 provides a forum for scientific and technical advances in the theory and practice of System Reliability and Safety. It is a highly selective, single-track meeting based on technical submissions presenting significant, original, and previously unpublished scientific research and technical developments for industrial application. ICSRS 2017 aims to be one of the leading international conferences, by providing an exciting and dynamic environment for researchers and practitioners to present and discuss the advancements in the fields of System Reliability and Safety. Presentation of developments with application in various industrial fields is expected to benefit from synergies in research challenges and practical needs, with cross-fertilization of methods, solutions and applications.

Topics of Interest

- Prognostics and Health Management
- Health Monitoring
- Fault Detection
- Fault Diagnostics
- Fault Prognostics
- Data-driven PHM Methods
- Model-based PHM Methods
- Hybrid PHM Methods
- Uncertainty in PHM
- Structural PHM
- Design and Integration of PHM Systems
- Cost Analysis of PHM
- Verification, Validation, and Maturation of PHM Systems
- Advanced Sensors
- Data processing
- Signal processing
- Vibration analysis
- Condition-Based Maintenance
- Predictive Maintenance
- Maintenance Decision Support
- Maintenance and Human and Organizational Factors
- Physical Reliability Models
- Physics of Failure
- Reliability Prediction
- Simulation
- Optimization
- Uncertainty Analysis
- Accelerated Life Testing
- Business Process Improvement
- Discrete Event Modeling & Simulation
- Big Data and IoT Applications in Reliability and Maintenance
- Design Optimization Using Reliability and Maintenance Techniques
- Business Models for Reliability and Maintenance Equipment
- Human Reliability
- Knowledge Based Training
- Life Data Analysis
- Quality Appl. in Electronics Design & Mfg.
- Resilience Engineering
- Risk Assessment
- Risk Management

Industrial Areas of Interest

- Aeronautics, Aerospace
- Automotive
- Chemical and Process Industry
- Electronics
- Energy
- Health Care
- Information Technology and Telecommunications Manufacturing
- Maritime Industry
- Nuclear Industry
- Oil & Gas Industry
- Structural Engineering
- Train & Railway Industry
- Natural Hazards
- Occupational Safety
- Security
- Software Systems

Important Dates:

August 5, 2017

Full Paper Submission (<http://www.icsrs.org/sub.html>)

August 30, 2017

Notification of Acceptance/Rejection

September 15, 2017

Registration deadline to have the paper included in final program and proceedings

Each paper will be evaluated for acceptance by at least two peer reviewers. Furthermore, paid registration to the Conference is mandatory for paper acceptance (one registration per paper). The publication of the full set of accepted papers will be published by IEEE and indexed by IEEE Xplore, EI Compendex and SCOPUS citation indexes.

Contribution to the Conference as sponsor and participation as exhibitor are welcome.

Supporting Organizations:

European Safety and Reliability Association, ESRA

IEEE Reliability-Italian Section

Center for RESilience and Safety of Critical Infrastructures (CRESCI), Beihang University, China

Sponsoring Organizations:

Chair on Systems Science and the Energetic challenge, European Foundation for New Energy-EDF, Ecole Centrale Paris-Supelec, France

Laboratory of Signal and Risk Analysis (LASAR) – Politecnico di Milano, Italy

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