

Reliability: Theory & Applications

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(<http://www.gnedenko.net/Journal/>)

Special Issue on **Recent Communications in Reliability, Availability, Maintainability (RAM) & Associated Areas**

CFP Link: https://easychair.org/cfp/Recent-Communications-in_RAM_AA-2021

Submission Link: <https://easychair.org/conferences/?conf=recentcommunications>

Introduction

With the rapid development of technology, complexity and economy have achieved unprecedented development and received extensive attention from the society and industry. Due to growing complexity, Reliability theory is become important day by day.

The purpose of this special issue is to publish the Operations Research & Reliability Engineering. Original, high quality contributions that are neither published nor considered for publication elsewhere are welcomed to submit. The potential topics include, but are not limited to:

- Systems RAM assessment (including hazard analysis, failure analysis, reliability modeling and analysis, maintainability analysis, maintenance modeling, planning, scheduling and optimization, repairable systems analysis, availability modeling and analysis, physics of failure, reliability test planning/reliability assurance programs);
- Accelerated tests modeling and statistical analysis;
- Operations research (including queuing theory, stochastic networks, financial and insurance mathematics, service system reliability, integrated logistics modeling and support, optimization methods);
- Risk management (including application of risk and reliability analyses in engineering, resilience analysis and engineering, security and vulnerability, critical infrastructure vulnerability assessment and safety, meta-models for risk and reliability analysis);
- Human health and reliability (including systems health monitoring, degradation modeling, fault diagnostics, fault prognostics, life cycle costs);
- Uncertainty and sensitivity analysis
- Software production (including in reliability, insurance and finance, safety critical software;
- Big data collection and analysis (including reliability data, accident analysis/incident reporting);
- Advanced simulation techniques for risk and reliability analysis.

Manuscript Preparation and Submission

1. Article must be original and not be under consideration in any other journal of conferences
2. Prepare the article as per the journal guidelines at <http://www.gnedenko.net/Journal/template.htm>
3. Article should be maximum 15 pages.
4. Similarity should be below 15% and not more than 1% from a single source.
5. Article should be submit at EasyChair at the link
<https://easychair.org/conferences/?conf=recentcommunications>

Schedule

Submission deadline: July 31, 2021.

First round of reviews: August 14, 2021.

First round revised submission due: September 30, 2021.

Second round of reviews: October 15, 2021.

Second round revised submission due: November 15, 2021.

Final acceptance: November 30, 2021.

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