



第十四届国际可靠性维修性安全性会议 (ICRMS 2023)

2023 8.26-8.29 | 中国·新疆·乌鲁木齐

<https://hy.htgjil.com/icrms2023>

征文通知 (第二轮)

大会简介

第十四届国际可靠性维修性安全性会议 (ICRMS 2023) 将于 2023 年 8 月 26-29 日在中国新疆乌鲁木齐举行，由中国航空学会、中国现场统计研究会、中国电子学会、中国机械工程学会、中国仪器仪表学会、中国兵工学会、中国宇航学会共同主办，中国航天标准化与产品保证研究院与新疆大学承办。ICRMS 是一个具有悠久历史的可靠性维修性安全性国际会议，得到 IEEE 可靠性分会的支持。该届会议主题是“面向高质量发展的可靠性维修性安全性”。会议涵盖了与质量、可靠性维修性安全性相关的所有主题，以及在工业工程、机械工程、电气和计算机工程、土木工程、航空航天、交通运输、石油化工等领域的潜在应用。ICRMS 2023 将为工业界和学术界提供最新研究成果交流展示的平台。此外，大会还将邀请国内外知名专家发表主题演讲，为研究人员和专业学者提供交流学习机会。

大会主题

面向高质量发展的可靠性维修性安全性

征文领域（包括但不限于）

高质量发展

- 质量管理技术
- 质量保证技术
- 质量提升技术
- 质量政策研究

数智系统的可靠性维修性安全性保证

- 智能自主与重复使用系统可靠性安全性
- 人机共融与软硬件混合系统可靠性安全性
- 人-信息-物理系统 (HCPS) 可靠性安全性
- 网络系统与体系可靠性安全性
- 数字孪生系统可靠性安全性

投稿方式

投稿方式为论文全文，所有论文都将接受同行评审，符合要求的论文将被 IEEE 检索

会议网站

<https://hy.htgjil.com/icrms2023>

工业产品可靠性测试性安全性

- 电气电子和机电 (EEE) 元器件可靠性测试性
- 原材料可靠性
- 供应链可靠性安全性
- 软件可靠性安全性

其他

- 人因可靠性安全性
- 故障预测与健康管理
- 寿命评估与剩余有效寿命预测
- 装备维修性测试性保障性
- 失效分析和故障物理
- 多学科设计优化
- 高加速寿命试验与高加速应力筛选
- 基于模型的可靠性安全性分析及故障管理
- 环境适应性设计与分析、环境试验与评价

重要时间

论文全文提交：2023年6月15日

复核结果通知：2023年7月15日

论文提交及早鸟登记：2023年7月31日

电子邮件

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THE 14TH INTERNATIONAL CONFERENCE ON RELIABILITY, MAINTAINABILITY, AND SAFETY (ICRMS 2023)

August 26-29, 2023| Urumqi, Xinjiang, China

<https://hy.htgjil.com/icrms2023>

Call for Papers (Second Round Announcement)

INTRODUCTION

The 14th International Conference on Reliability, Maintainability and Safety (ICRMS 2023) will be held from August 26-29 2023 in Urumqi, Xin Jiang, China, hosted by China Astronautics Standards Institute. ICRMS is an international conference on Reliability, Maintainability and Safety with a long history. It was initiated by several leading academic societies in China and has been supported by the IEEE Reliability Society. This year, the theme for the conference is Reliability, Maintainability and Safety for High-quality Development. The conference covers all topics related to reliability, maintainability and safety with potential applications in the fields of industrial engineering, mechanical engineering, electrical and computer engineering, aerospace, transportation, petrochemical, civil engineering, and more. ICRMS 2023 is a platform for presentation and discussion of the latest research achievements in reliability, maintainability and safety. In addition, internationally renowned experts will be invited to deliver keynote speeches.

THEME

Reliability, Maintainability and Safety for High-quality Development.

TOPICS

High-quality Development

- Quality Management Technology
- Quality Assurance Technology
- Quality Improvement Technology
- Quality Policy Research

Digital and Intelligent systems Reliability, Maintainability and Safety Assurance

- Intelligent and Reusable Systems Reliability and Safety
- Man-machine Integration, Hardware and Software Mixed Systems Reliability and Safety
- Human-Cyber-Physics Systems (HCPS) Reliability and Safety
- Network and System of Systems Reliability and Safety
- Digital-Twin Systems Reliability and Safety

Industry Product Reliability and Testability

- Electrical, Electronic and Electromechanical (EEE) Unit Reliability and Testability
- Material Reliability
- Supply Chain Reliability and Safety
- Software Reliability and Safety

Other Topics

- Human Factor Reliability and Safety
- Prognostics and Health Management
- Life Assessment and Remaining Useful Life Prediction
- Equipment Maintainability, Testability and Supportability
- Failure Analysis and Physics of Failure
- Multidisciplinary Design Optimization
- HALT/HASS
- Model based Reliability and Safety Analysis, Model based Fault Management
- Environment Adaptability Design, Analysis and Assessment

PROCEDURES

Submission Format
Full Paper

DEADLINES

Full Paper Submission
June 15 2023

CONTACT SECRETARIAT

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REVIEW&PUBLICATION

All full papers will be peer reviewed, and papers meeting the requirements will be retrieved by IEEE.

Review Outcome Notification

July 15 2023

Proceedings Paper
Submission and Early Bird
Registration

July 31 2023

MORE INFORMATION AND UPDATES CAN BE FOUND ON THE WEBSITE

<https://hy.htgjil.com/icrms2023>

