

Mechanical Engineering

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Maintenance, Reliability and Condition Monitoring



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MARC Maintenance, Reliability and Condition Monitoring

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MARC is devoted to a broad area with multi-disciplinary interests in the fields of plant maintenance, asset management, reliability, condition monitoring and related areas, ranging from fundamental research to real-world applications.

The list of principal topics:

- Vibro-acoustics monitoring
- Asset management
- Condition-based maintenance
- Condition monitoring
- eMaintenance, mobile technology
- Health, safety and environment
- Sensing and instrumentation
- Life cycle cost optimization
- Machine health monitoring
- Machine lube oil analysis and monitoring
- Maintenance auditing
- Prognostics and health management
- Maintenance organization
- Maintenance performance measurement
- Non-destructive testing
- Manufacturing process monitoring
- Plant outage
- Turnaround management
- Reliability, maintainability and risk
- Robot based monitoring and diagnostics
- AI technologies
- Signal and image processing methods
- Intelligent fault diagnosis

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Internet: <https://www.extrica.com>

E-mail: publish@extrica.com

Publisher: Extrica

MARC

Maintenance, Reliability and Condition Monitoring

JUNE 2025. VOLUME 5, ISSUE 1, PAGES (1-108), ISSN ONLINE 2669-2961

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SHORT DESCRIPTION ABOUT THIS CATEGORY

Broad area with multi-disciplinary interests in the fields of plant maintenance, asset management, reliability, condition monitoring and related areas, ranging from fundamental research to real-world applications.

