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AIMS AND SCOPE

Communications in Dependability and Quality Management (CDQM) is an International Journal published by the Research Center of Dependability and Quality Management (DQM Research Center), Cacak, Serbia. This well-established, high-quality specialized scientific and technical journal is devoted to research, development, manufacturing and using modern and complicated systems.

This interdisciplinary journal considers papers with both theoretical and practical aspects on dependability management and life span, configuration management and quality management, safety and environmental protection, project management and production management. It is dedicated to researchers and practitioners who work in: design, production control, quality assurance, maintenance, simulation, computing, software, electronics, mechanics, aerospace, power systems, nuclear systems, communication systems, mechatronic systems and similar areas.

FUNCTIONAL AREAS

All submitted papers are reviewed by selected referees, all of whom are recognized experts in their fields. Acceptance of articles is the responsibility of the editorial board. The journal is published not less of twice a year.

Examples of subject areas of Dependability Management Life Span include:

- ◆ Life Cycle Cost Analysis
- ◆ Design to Cost
- ◆ System Performance
- ◆ Dependability
- ◆ Reliability
- ◆ Systems Effectiveness
- ◆ Robustness and Survivability
- ◆ Compatibility, Simplicity, Commonality and Friendliness
- ◆ Availability
- ◆ Maintainability and Testability
- ◆ Integrated Logistic Support (ILS)
- ◆ Failure Analysis
- ◆ Adaptability and Life Span

Examples of subject areas of Configuration Management and Quality Management include:

- Configuration Management
- Configuration Control
- Quality Management (including TQM)
- Quality of Design (Value Engineering-VE, Quality Function Deployment-QFD, etc.)
- Benchmarking
- Design of Experiments
- Taguchi Methods
- Quality Assurance (QA)
- Quality Control (QC)
- Economic Aspects of Quality

Examples of subject areas of Safety and Environmental Protection include:

- Diagnostics of Processes
- Hazard Analysis Techniques
- Work Physiology
- Safety Systems
- Risk Analysis and Contingency Planning
- Economic Aspects of Safety
- Industrial Health
- Toxicology
- Radiation
- Pollution Engineering
- Product Stewardship and Materials Recycling

Examples of subject areas of Project Management and Production Management include:

- Network Models' Structure
- Project Scheduling
- Cost Optimization
- PERT-Cost Models
- Resource Levelling
- Resource Supportability Models
- Stochastic Projects
- On-Line Control
- Computer Integrated Manufacturing (CIM)
- Production Planning and Control (including Production Scheduling)
- Controlling Hierarchical Production Systems
- Flexible Manufacturing Systems (FMS)
- Planning Under Uncertainty
- Concurrent Engineering