CALL FOR PAPERS
SPECIAL SESSION ON
"Maintenance of industrial systems"
for CODIT'18
April 10-13, 2018 – Thessaloniki, Greece

Session Co-Chairs :

Dr. Abdelahad CHRAIBI, Université de Valenciennes, Valenciennes, France

Dr. Rachid BENMASNOUR, INSEA, Rabat, Morocco

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Session description

Industrial organizations are continuously seeking new strategies to improve the effectiveness of their operations due to widespread automation and the high capital tied up in production equipment. Maintenance optimization and the selection of maintenance strategies play an important role in the effectiveness of any industrial system's operation - Maintenance cost can reach anywhere between 15% and 70% of production costs. This makes maintenance an investment opportunity to be optimized.

Recently, more attention has been directed towards improving and optimizing maintenance in manufacturing systems seeking for more efficient and effective maintenance. Properly organized and operated maintenance services with necessary resources (human, equipment and spares) are an essential lifeline of production to meet targets. Properly developed maintenance strategies and policies must be implemented to gain optimum benefit of a reliable system while constantly decreasing downtime.

Maintenance aims to retain assets in their operational states. It has emerged as a fundamental success ingredient in the modern industry. Enhancing the performance of maintenance systems through modelling and optimization has been the focus of a large volume of published studies.

In this context, this invited session is interested in studies dealing with a joint decisions relating to the optimization of maintenance planning and the maintenance strategies. It aims to gather original papers dealing with applications of optimization and simulation techniques. Papers that discuss real case studies are highly recommended.

The topics of interest include, but are not limited to:

- Maintenance planning
- Maintenance scheduling
- Integrated maintenance
- Preventive maintenance
- Simulation and optimisation of maintenance operations
- Maintenance routing problem
…

SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **December 10, 2017:** **http://controls.papercept.net/conferences/scripts/start.pl**. In PaperCept, click on the **CoDIT 2018 link "Submit a Contribution to CoDIT'18" and follow the steps.**

All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).

DEADLINES

December 10, 2017: deadline for paper submission

February 4, 2018: notification of acceptance/reject

February 28, 2018: deadline for final paper and registration.