

International Conference on Industrial Engineering and Systems Management

May 13-15, 2009, Montreal, Canada

Call for papers - Special Session on Integrated Maintenance and Production Strategies

Session chairs: Rezg NIDHAL¹ and Kondo ADJALLAH²

¹Université Paul-Verlaine-Metz, France; ²ENIM, France
rezg@univ-metz.fr and adjallah@enim.fr

Session Description

Nowadays the stiff competition among the enterprises has fostered the change in strategies of production and maintenance. The relevance of the new approaches relates to the fact that they consider the interactions between the production plans and the maintenance strategies in a synchronous way. Therefore, new policies integrating production and maintenance need to be developed and optimized. New approaches can help improving the performances of production and manufacturing systems, through cost-effective decision support of maintenance and the production activities. The new policies must take account jointly of factors such as the degradation of the production facilities according to the production rate, the constraints due to the maintenance and production plans interrelations, ...

We hope new investigation results to shed a new light on the interactions between production and maintenance and bring more global support to industrial managers for greater effectiveness of production.

Recommended Topics

Authors are invited to submit to this session, new results and real case applications related to the following topics:

- Degradation modelling of manufacturing facilities
- Production line stability under maintenance influence
- New decision support strategies in predictive maintenance
- Spare parts management under predictive maintenance strategy
- Real-time optimization of joint production and maintenance activities
- Risk based scheduling of joint preventive maintenance and production activities

Instructions to authors

Authors are requested to provide a full paper of 10 pages maximum, written in English. The full manuscript should be submitted in accordance with the template format of the conference (available at <https://symposia.cirrelt.ca/IESM09/en/Instructionstoauthors>)

Submission

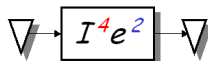
The authors are requested to submit their draft papers online and select the proper special session at <https://symposia.cirrelt.ca/IESM09/en/Submission>.

Important deadlines

Draft papers and posters should be submitted by **November 15, 2008**

Authors will receive the acceptance notification by **February 15, 2009**

Final papers for presentation should be sent before **March 1, 2009**



IESM'2009

For complete information, visit the IESM'2009 Web Site at

<http://cirrelt.ca/IESM2009>

