



International Conference on Computers & Industrial Engineering CIE45



Call for papers -- Special Session on: Responsive MRP for CIE45 October 28-30, 2015 - Metz, France

Session chair

Prof. José Antonio Heredia Álvaro, Universitat Jaume I, Spain

Session description

When implementing an MRP system, the company has to decide on the planning parameters values (i.e., lot size, supply time, safety stock) to run the system. For a given product its ideal MRP-parameters value depends on the demand, the process effective capacity, the manufacturing cost and the business competitive objectives. Despite the evidence that these aspects evolve along the time and therefore the parameters should be adapted, there is a lack of proposals to update the parameters in a systematic and comprehensive way. Research is needed to address the following topics:

Topics

- ▶ Methods to compute the MRP-parameters and to evaluate their effect on the production system performance
- ▶ Methods and barriers to update MRP-parameters
- ▶ Feedbacks from scheduling and shop floor to the MRP
- ▶ Link between planning and scheduling
- ▶ Best practices on tactical production planning
- ▶ Tactical planning process within the S&OP process

Submission

Please submit your full paper on the EasyChair website:

<https://easychair.org/conferences/?conf=cie45>

- May 31, 2015:** deadline for paper submission
June 21, 2015: notification of acceptance/reject
July 15, 2015: deadline for final paper
August 16, 2015: deadline for registration.

Practical information

All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 8 pages (in the standard CIE conference format). For up-to-date information and paper submission, please visit the conference submission page:

<https://easychair.org/conferences/?conf=cie45>

The proceedings of CIE 45 will be published on the web page of the conference and that of Computers & Industrial Engineering. They carry the identifier ISSN of 2164-8670 for the CD-ROM version and 2164-8689 for the Online version. A special issue of the international journal "COMPUTERS & INDUSTRIAL ENGINEERING" will be dedicated to the best papers presented at the conference after rigorous reviews.

For any practical issue please write to: cie45@easychair.org

