



# International Conference on Computers & Industrial Engineering CIE45



## Call for papers -- Special Session on: Robustness and sensitivity analysis in combinatorial optimization for CIE45 October 28-30, 2015 - Metz, France

### Session chair

Mhand Hifi, EPROAD, Université de Picardie Jules Verne, France

Lei Wu, EPROAD, Université de Picardie Jules Verne, France

### Session description

Uncertainty related to certain parameters in combinatorial optimization problems may be encountered in numerous domains such as transportation, logistics, cutting and packing, telecommunication, reliability, advertisement, investment and production management. Despite the technological and knowledge advance, solving some combinatorial optimization with uncertainty parameters remains a challenging theme. Recently, robust optimization and sensitivity / stability analysis have been proposed for some combinatorial optimization. This special session on the theme of "Robustness and sensitivity analysis in combinatorial optimization" is intended to present the recent advances in modelling and resolution techniques in the field. Topics of interest include, but are not limited to, the following topics:

### Topics

- ▶ Robust discrete optimization
- ▶ Optimization with interval data
- ▶ Real world logistic scheduling
- ▶ Sensitivity analysis of the optimum
- ▶ Adaptive methods

### 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 the originality of the 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](mailto:cie45@easychair.org)

