



International Conference on Computers & Industrial Engineering CIE45



Call for papers -- Special Session on: Knapsack Problems in Computer and Industrial Engineering October 28-30, 2015 - Metz, France

Session chair

Prof. Saïd Hanafi, LAMIH, University of Valenciennes, France

Dr. Mahdi Khemakhem, LOGIQ, University of Sfax, Tunisia

Session description

The well-known knapsack problem and its variants has been studied for more than a century and it have a very large number of applications. This session aims to present the recent contributions of the knapsack applications and its several variants on computer and industrial problems. Emphasis will be given to real cases applications such as in: big data, cloud computing, energy save, load balancing, order acceptance, production scheduling, etc. Topics of interest include, but are not limited to, the following topics:

- ▶ Applications of knapsack and its variants to computer and industrial problems.
- ▶ Exact methods applied to solve real cases applications of knapsack and its variants.
- ▶ Heuristics and meta-heuristics applied to solve real cases applications of KP and its variants.
- ▶ Knapsack variants models for computer and industrial problems

Submission

Please submit your full paper on the Easychair website:

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

June 20, 2015: deadline for paper submission

July 7, 2015: notification of acceptance

August 16, 2015: deadline for final paper

July 20, 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

