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Special  
Session

4<sup>th</sup> International Conference on  
Control, Decision and  
Information Technologies

April 5-7, 2017

CoDIT'17

Website: [www.codit2017.com](http://www.codit2017.com)

Barcelona, Spain



CALL FOR PAPERS  
SPECIAL SESSION ON

“Cutting and Packing Solutions in Combinatorial / Continuous Optimization”  
for CODIT'17

April 5-7, 2017 – Barcelona, Spain

**Session Co-Chairs :**

Prof. Mhand Hifi, EPROAD - *University of Picardie Jules Verne, France*

Dr. Labib Yousef, EPROAD - *University of Picardie Jules Verne, France*

**Session description**

Cutting and Packing (CP) related problems are encountered in numerous industrial domains such as transportation, logistics, reliability, and production. They appear either as standalone problems or as subproblems of more complex combinatorial and continuous mathematical programming models.

Because of their wide range of applicability, these problems have known a large number of variations such as: CP circles / rectangles into a single open / close container, CP circles / rectangles into multiple containers, CP irregular shapes into (multiple) container(s), CP into single and multiple containers with specific technological constraints, CP with disjunctive constraints, single and multiple objective CP, integer, linear, non-linear CP, deterministic and stochastic CP, etc. Despite the technological and knowledge advance, solving CP problems remains a challenging problem. “Efficient” approaches-based resolution techniques have been and are being proposed for the different variants of this problem.

This special session is intended to present the recent advances in modeling and resolution techniques in the field. Authors are encouraged to submit both theoretical and applied articles addressing the theme of the special session.

Topics of interest include, but are not limited to, the following topics:

- Exact methods,
- Approximate / heuristic methods,
- Stochastic methods,
- Hybrid / cooperative approaches,
- Reoptimization, etc.

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**SUBMISSION**

Please submit your full paper choosing the right Special Session (**22-Special Session: Cutting and Packing Solutions in Combinatorial / Continuous Optimization**) on the EasyChair for CoDIT'17 website:

<https://easychair.org/conferences/?conf=codit17>

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).

**IMPORTANT DATES**

December 4, 2016: deadline for paper submission

February 2, 2017: notification of acceptance/reject

February 26, 2017: deadline for final paper and registration.

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