

Call for Papers

Special Issue of Annals of Operations Research on New Trends of Combinatorial Optimization and Application

We invite submissions of novel research articles for a forthcoming issue of *Annals of Operations Research* on

New Trends of Combinatorial Optimization and Applications

This special issue is open to all papers in this area. We would like to encourage, in particular, the participants of the **international conference of the Tunisian Operational Research Society (TORS)** that will be held in Sousse, Tunisia, from 1 to 3 November 2022 (<https://torsconference.wixsite.com/tors22>) to submit extended versions of their papers presented in the conference.

High quality research papers are solicited to address theoretical as well as practical issues of recent applications of Combinatorial Optimization. Topics of interest include, but are not limited to:

- Approximation algorithms
- Cutting plane algorithms
- Local search algorithms
- Computational complexity
- Graph and network algorithms
- Linear and nonlinear (mixed-) integer programming

Examples of applications:

Telecommunication and Transportation, Scheduling, Logistics, Timetabling, Supply Chain Management, Portfolio Optimization, Covering and Packing, Data Mining, Lot-Sizing, Facility Location, Machine Learning, Renewable Energy, Sustainability...

All articles will be thoroughly refereed according to the high standards of *Annals of Operations Research*.

The full papers must be submitted through the Springer Editorial System (<https://www.editorialmanager.com/anor/default1.aspx>). Please see the Author Instructions on the site if you have not yet submitted a paper through this web-based system. <http://www.springer.com/business/operations+research/journal/10479>

Be sure to select the article type **TORS2022-Combinatorial Optimization**.

The deadline for submission is **January 30, 2023**.

Accepted papers will be published online individually, before print publication.

Additional information about the special issue can be obtained from the Guest Editors.

We are looking forward to receiving your contribution.

Guest Editors:

Imed KACEM

LCOMS, Université de Lorraine

Metz, FRANCE

Email: imed.kacem@univ-lorraine.fr

Second email: imed.kacem@gmail.com

<http://orcid.org/0000-0001-6649-7257>

Safa Bhar LAYEB

LR-OASIS, University of Tunis El Manar

Tunis, TUNISIA

Email: safa.layeb@enit.utm.tn

<https://orcid.org/0000-0003-2536-7872>

Nelson Maculan

Universidade Federal do Rio de Janeiro

PESC-COPPE e Instituto de Matemática

Caixa Postal 68511

21941-972 Rio de Janeiro, RJ, Brasil

Email : maculan@cos.ufrj.br

A. Ridha MAHJOUB

LAMSADE, Université Paris-Dauphine

Paris, FRANCE

Email: mahjoub@lamsade.dauphine.fr

Second email: mahjoub.ridha@gmail.com

[http://www.lamsade.dauphine.fr/~mahjoub/Journaux.h
tml](http://www.lamsade.dauphine.fr/~mahjoub/Journaux.html)