

Emerging Domains of Operational Research

6th Annual TORS Conference

December 18-20, 2023, Medina Belisaire hotel, Hammamet, Tunisia.

Conference Website: <https://torsconference.wixsite.com/tors23>

The Tunisian Operational Research Society (TORS) aims to share and exchange knowledge on the operational research field in Tunisia and to promote theoretical developments and applications in this domain. This is performed by:

- Supporting education, training, research and practices in this field;
- Organizing conferences and workshops in national and international levels to enhance and promote the exchange of knowledge, the collaborations and the interactions between researchers and industrials.
- Establishing and maintaining scientific cooperation with national and international institutions and other operational research societies;
- Providing professional consultancy services to decision-makers in industry and administrative fields.

The sixth International Conference of the Tunisian Operational Research Society (TORS) aimed to share and exchange knowledge in the field of operational research and to promote collaborations and interactions between researchers and industrials. <https://torsconference.wixsite.com/tors22> . It was held on December 18-20, 2023 in the beautiful city Hammamet, Tunisia.

The conference hosted 109 participants from Tunisia, France, Canada, Algeria, United Emirat Arab, Qatar and UK, and consisted of 40 presentations spanning a wide range of topical themes and six plenary talks. It is the collective efforts of all presenters, session chairs, scientific and organizing committee members', which led to a smooth and enjoyable conference.

The six plenary sessions presented by high scientific level keynote speakers are:

- Prof. Jacques TEGHEM, University of Mons, Belgium, A bi-objective approach to reschedule new jobs in an one machine scheduling model.
- Prof. Oualid JOUINI, University of Paris-Sacaly, France, Stochastic models for the optimization of modern call centers.
- Prof. Walid KLIBI, KEDGE Business School, France, Fostering Robustness in Supply Chain Design : A unifying framework for future opportunities.
- Prof. Anissa FRINI, University of Québec, Canada, Temporal MCDA methods for sustainable decisions under uncertainty
- Prof. Fatma GZARA, University of Waterloo, Canada, Analytics for smart city logistics.
- Prof. Samir ELHEDHLI, University of Waterloo, Canada, Junior Faculty and Graduate Student Workshop: Emerging Opportunities in OR and Industrial Engineering.

The following individuals chaired this conference.



Prof. Taicir Loukil
President of TORS
Conference Chair

Prof. Mohamed Ayman Boujelbene
Conference co-Chair

Prof. Ahmed Frikha
Scientific committee chair

Prof. Hela Moalla
Org. Com Chair



A photo of some members of the organizing committee, The names are from left to right

<p>Dr Wiem Daoued Prof.Hela Moalla Prof. Taicir Loukil Dr. Sameh Chtourou Dr. Aida Kharrat Prof. Ahmed Frikha</p>	<p><i>Prof. Diala Dhouib</i> <i>Dr. Ines Kanoun</i> <i>Dr. Bassem Chaker</i> <i>Dr. Mohamed Ali Elleuch</i> <i>Dr. Maroua Mallek</i> Prof. Mohamed Ayman Boujelbene (Ex TORS' president)</p>
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A photo of the participants at the closing ceremony

The 2023 TORS price has been awarded to three best works that are evaluated by the sessions chairman based on seven criteria: 1. Quality of talk, 2. Quality of the discussion, 3. Quality of slides, 4. Quality of the short paper, 5. Originality of the work, 6. Subject relevance, 7. Respect of time.

The conference was supported by the Research Laboratories: *MODILS* (Modeling and Optimization for Decisional, Industrial and Logistic Systems) and *OLID* (Optimization, Logistics and Decision Support).

We thank our main sponsors for their technical / financial support. They have been : *IFORS*, *EURO*, *INFORMS Bahrein*, *AFROS*, *University of Sfax*, *University of Carthage*, *CCK: Computation Center Khawarizmi*.

For more information about the Tunisian Operational Research Society, please visit www.tors.tn