
11th Metaheuristics International Conference

MIC'2015

7-10 June, 2015

Agadir, Morocco

<http://www.lifl.fr/MIC2015>

Scope of the Conference

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The Metaheuristics International Conference (MIC) series was established in 1995 and this is its 11th edition. MIC is the main event focusing on the progress of the area of metaheuristics and their applications. As in previous editions, MIC'2015 will provide an opportunity to the international research community in metaheuristics to discuss recent research results, to develop new ideas and collaborations, and to meet old friends and make new ones in a friendly and relaxed atmosphere.

MIC'2015 welcomes presentations that cover any aspects of metaheuristic research such as new algorithmic developments, high-impact applications, new research challenges, theoretical developments, implementation issues, and in-depth experimental studies. MIC'2015 strives for a high-quality program that will be completed by a number of invited talks, tutorials, workshops and special sessions.

Relevant Research Areas

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MIC'2015 solicits contributions dealing with any aspect of metaheuristics. Typical, but not exclusive, topics of interest are:

- + Metaheuristic techniques such as tabu search, simulated annealing, iterated local search, variable neighborhood search, memory-based optimization, dynamic local search, evolutionary algorithms, memetic algorithms, ant colony optimization, variable neighborhood search, particle swarm optimization, scatter search, path relinking, etc.

- + Techniques that enhance the usability and increase the potential of metaheuristic algorithms such as reactive search mechanisms for self-tuning, offline metaheuristic algorithm configuration techniques, algorithm portfolios, parallelization of metaheuristic algorithms, etc.

- + Empirical and theoretical research in metaheuristics including large-scale experimental analyses, algorithm comparisons, new experimental methodologies, engineering methodologies for metaheuristic algorithms, search space analysis, theoretical insights into properties of metaheuristic algorithms, etc.

+ High-impact applications of metaheuristics in fields such as bioinformatics, electrical and mechanical engineering, telecommunications, sustainability, business, scheduling and timetabling. Particularly welcome are innovative applications of metaheuristic algorithms that have a potential of pushing research frontiers.

+ Contributions on the combination of metaheuristic techniques with those from other areas, such as integer programming, constraint programming, machine learning, etc.

+ Challenging applications areas such as continuous, mixed discrete-continuous, multi-objective, stochastic, or dynamic problems.

Important Dates

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Extended deadline **Feb 28, 2015**

Notification of acceptance March 20, 2015

Camera ready copy April 10, 2015

Early registration April 10, 2015

Conference June 7-10, 2015

Submission Details

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We will accept submissions in three different formats.

S1) Original research contributions for publication in the conference proceedings of a maximum of 10 pages

S2) Extended abstracts of work-in-progress and position papers on an important research aspect of a maximum of 3 pages

S3) High-quality manuscripts that have recently, within the last year, been submitted or accepted for journal publication

Accepted contributions of categories S1 and S2 will be published in the MIC'2015 conference proceedings. Accepted contributions of category S3 will be orally presented at the conference, but not be included into the conference proceedings.

The submission server is available at <http://www.lifl.fr/MIC2015>

Proceedings and publication

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Edited book in Springer indexed by ISI Web of Science Conference Proceedings, DBLP, Ulrichs, SCOPUS, MathSciNet, Current Mathematical Publications, Mathematical Reviews, Zentralblatt Math: MetaPress and Springerlink.

special issue of the International Journal of Metaheuristics

special issue of the Concurrency and Computation: Practice and Experience

Conference Location

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The conference will be held in Agadir, Morocco. Agadir is the top tourist destination in Morocco in the border of the ocean.

Further Information

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Up-to-date information will be published on the web site <http://www.lifl.fr/MIC2015>. For information about local arrangements, registration forms, etc., please refer to the above-mentioned web site or contact the organizers.

MIC'2015 Conference Committee

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Conference Chair

- El-ghazali Talbi, University of Lille, CNRS, INRIA, France

Steering committee

- Fred Glover, University of Colorado and OptTek Systems, USA
- Celso Ribeiro, Universidade Federal Fluminense, Brazil
- Éric Taillard, University of Applied Sciences of Western Switzerland, Switzerland
- Stefan Voß, University of Hamburg, Germany

Organization committee chairs

- L. Jourdan (Univ. Lille, CNRS, INRIA)
- M-E. Marmion (Univ. Lille, CNRS, INRIA)
- R. Ellaia (EMI, Rabat, Morocco, Local chair)

Session/Proceedings chair

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Tutorial chair

- A. Nakib (UPEC, France)

Publicity chair

- G. Danoy (Univ. Luxembourg)
- H. Masri (University of Bahrain, Bahrain)
- S. Nesmachnow (Universidad de la República, Uruguay)