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MIC 2022 - 14th Metaheuristics International Conference

11-14 July 2022, Ortigia-Syracuse, Italy

<https://www.ANTs-lab.it/mic2022/>

[mic2022@ANTs-lab.it](mailto:mic2022@ANTs-lab.it)

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\*\* NEW SUBMISSION DEADLINE: 30th April 2022 \*\*

\*\* ONLINE & ONSITE Participation Mode \*\*

\*\* Proceedings in LNCS Volume, Springer \*\*

\*\* Special Issue in ITOR journal \*\*

\*\* 7 Plenary Talks \*\*

\*Plenary Speakers

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+ Christian Blum, Artificial Intelligence Research Institute (IIIA), Spanish National Research Council (CSIC)

"Recent Hybrid Techniques for Solving Large-Scale Combinatorial Optimization Problems"

+ Kalyanmoy Deb, Michigan State University, USA

"Making Metaheuristics More Powerful Using Human and Machine-learned Knowledge"

+ Fred Glover, Entanglement, Inc. USA

"New Advances for Quantum-Inspired Optimization - part A"

+ Salvatore Greco, University of Catania, Italy

"TBA"

+ Holger H. Hoos, Leiden University, The Netherlands

"TBA"

+ Gary Kochenberger, Entanglement, Inc. USA

"New Advances for Quantum-Inspired Optimization - part B"

+ El-Ghazali Talbi, University of Lille, France

"How Machine Learning Can Help Metaheuristics?"

Submission Details

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\*\* SUBMISSION SYSTEM ALREADY OPEN \*\*

<https://www.easychair.org/conferences/?conf=mic2022>

MIC 2022 accepts submissions in three different formats: ??S1) Regular paper: novel and original research contributions of a maximum of 15 pages (LNCS format) ??S2) Short paper: extended abstract of novel research works of 6 pages (LNCS format) ??S3) Oral/Poster presentation: high-quality manuscripts that have recently, within the last year, been submitted or accepted for journal publication. All papers must be prepared using Lecture Notes in Computer Science (LNCS) template, and must be submitted in PDF at the link:

Proceedings and special issue

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Accepted papers in categories S1 and S2 will be published as post-proceedings in \*Lecture Notes in Computer Science\* series by Springer. Accepted contributions of category S3 will be considered for oral or poster presentations at the conference based on the number received and the slots available, and will not be included into the LNCS proceedings. An electronic book instead will be prepared by the MIC 2022 organizing committee, and made available on the website. In addition, a post-conference special issue in International Transactions in Operational Research (ITOR) will be considered for the significantly extended and revised versions of selected accepted papers from categories S1 and S2.

Conference Location

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MIC 2022 will be held at the Department of Architecture of the University of Catania, which is placed in the beautiful Ortigia island, the historical centre of the city of Syracuse, Sicily-Italy. Syracuse is very famous for its ancient ruins, with particular reference to the Roman Amphitheater, Greek Theatre, and the Orecchio di Dionisio (Ear of Dionisio) that is a limestone cave shaped like a human ear. Syracuse is also the city where the greatest mathematician Archimede was born.

<https://www.ants-lab.it/mic2022/index.html#venue>

<https://www.ants-lab.it/mic2022/location.html>

[https://www.siracusaturismo.net/multimedia\\_lista.asp](https://www.siracusaturismo.net/multimedia_lista.asp)

MIC'2022 Conference Chairs

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Conference Chairs

- Paola Festa, University of Naples, Italy
- Luca Di Gaspero, University of Udine, Italy
- Amir Nakib, Université Paris Est Créteil, France
- Mario Pavone, University of Catania, Italy

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Mario F. Pavone, PhD

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Skype: mpavone

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