

# Call for Papers - Evolutionary Multi-Criterion Optimization (EMO) 2023, Leiden, The Netherlands

The EMO 2023 conference will be held in **Leiden, The Netherlands, March 20 – 24, 2023**. (<https://emo2023.liacs.leidenuniv.nl>). This is the twelfth edition of the EMO conference series: <http://emo-online.org>. The conference and tutorials will be held in hybrid mode.

## Important Dates

- Paper submission deadline: 26 September 2022 (anywhere on earth)
- Presentations/Tutorials: March 20 – 24, 2023, single session format

## Scope

Evolutionary Multi-Criterion Optimization (EMO) is a series of bi-annually held conferences devoted to the topic of multiobjective optimization with a focus on (please find more here <http://www.emo-online.org/>).

- evolutionary methods,
- population-based metaheuristics,
- multiple-criteria decision-making,
- mathematical multiobjective optimization algorithms,
- surrogate-based or Bayesian optimization methods,
- machine learning/artificial intelligence-based hybrid methods,
- theoretical foundations of multiobjective optimization,
- benchmarking, performance indicators, and visualization tools, and
- integration to real-world applications.



## Keynote speakers

- **Heike Trautmann** – University of Münster  
[<https://www.wi.uni-muenster.de/de/institut/statistik/personen/heike-trautmann/>]
- **Yaochu Jin** – Bielefeld University  
[[https://ekvv.uni-bielefeld.de/pers\\_publ/publ/PersonDetail.jsp?personId=308725127](https://ekvv.uni-bielefeld.de/pers_publ/publ/PersonDetail.jsp?personId=308725127)]
- **Frank Neumann** – University of Adelaide  
[<https://cs.adelaide.edu.au/~frank/>]

## Submission Guidelines

All papers must be original and not simultaneously submitted to another journal or conference. Papers must be submitted as PDF files in Springer LNCS style through the conference Paper Submission page. The page limit is **12 pages, excluding references**. The reviewing process is single-blind.

The paper submission and reviewing will be conducted via Springer's Online Conference Service (OCS). Please find the detailed instructions on the conference website [<https://emo2023.liacs.leidenuniv.nl/paper-submission/>].

## Paper Presentation

The proceedings will be published in the **Lecture Notes in Computer Science (LNCS)** series by Springer. Since the conference will be organized in hybrid, authors can choose to present their works online. In all cases, for each presented paper, one of the co-authors must be registered, and each registration can cover at most two papers.

## Conference Committee

General chairs: Michael Emmerich, André Deutz, and Hao Wang

Program chairs: Ke Li and Hao Wang

Proceedings chairs: Anna Kononova and Boris Naujoks

MCDM track chairs: Kaisa Miettinen and Iryna Yevseyeva

Tutorial chair: Ofer M. Shir

Industrial Chair: Thomas Bäck

EMO Steering Committee: [www.emo-online.org](http://www.emo-online.org)

## Contact information

For any questions regarding the conference or submission, please contact us via [m.t.m.emmerich@liacs.leidenuniv.nl](mailto:m.t.m.emmerich@liacs.leidenuniv.nl) or [h.wang@liacs.leidenuniv.nl](mailto:h.wang@liacs.leidenuniv.nl).

