

EMO 2017

9th International Conference on Evolutionary Multi-Criterion Optimization

March 19-22, 2017, in Münster, Germany

Call for Papers

Submission Deadline: October 01, 2016

EMO 2017 is the 9th International Conference on Evolutionary Multi-Criterion Optimization, aiming to continue the success of previous EMO conferences. We will bring together both the EMO and the multiple criteria decision making (MCDM) communities and moreover focus on solving real-world problems in government, business and industry. The classical EMO format will be supplemented by an EMO competition.

Following the tradition of the EMO community, the conference will be in single session format, with papers provided as either oral or as poster presentations. The conference format will include:

- Invited keynote speakers
- EMO track
- MCDM track
- EMO competition

The conference will take place in the beautiful city of Münster (Germany) considered to be the cultural center of the Westphalia region as well as the bicycle capital of Germany.

We aim to discuss all aspects of EMO development and deployment, including (but not limited to):

- Theoretical foundations
- Constraint handling techniques
- Preference handling techniques
- Handling of continuous, combinatorial or mixed-integer problems
- Local search techniques
- Hybrid approaches
- Stopping criteria
- Parallel EMO models
- Performance evaluation
- Test functions and benchmark problems
- Algorithm selection approaches
- Many-objective optimization
- Large scale optimization
- Real-world applications
- EMO algorithm implementations

Submission Guidelines:

- max. 15 pages, PDF
- Springer LNCS format

General Chairs:

Günter Rudolph (TU Dortmund, Germany), Heike Trautmann (University of Münster, Germany)

EMO Steering Committee: Carlos Coello Coello, David Corne, Kalyanmoy Deb, Peter Fleming, Carlos Fonseca, Hisao Ishibuchi, Joshua Knowles, Kaisa Miettinen, David Schaffer, Lothar Thiele, Eckart Zitzler

