

**Special sessions**  
**Optimization Methods under Uncertainty**

6th World Congress on Global Optimization (WCGO 2019)  
July 8 - 10, 2019, Metz, France  
<https://wcgo2019.event.univ-lorraine.fr/>

**Organizer:** Dr. Manuel Arana Jimenez (Department of Statistics and Operational Research, University of Cádiz, Spain).

**General description of the special session**

In the modeling of many processes in Industry and Economy in order to make decisions, it is not always possible to have the full information about the parameters and variables involved. So, an adequate uncertainty framework is necessary to formulate the model, and new methods have to be adapted or developed to provide optimal or efficient solutions in some sense. The purpose of this session is to promote and show new and recent optimization methods applied to models in which some parameters and/or variables are considered under uncertainty. In this regards, the following topics are close.

**Sessions topics**

The list of topics in this session includes, but not limited to:

- Interval and fuzzy linear programming.
- Multi-objective mathematical programming under uncertainty.
- Fuzzy arithmetic.
- Optimality conditions with fuzzy numbers.
- Orders with intervals or fuzzy numbers sets.
- Modeling of processes under uncertainty. Applications to Industry and Economy.
- Efficiency in optimization under uncertainty.
- Computational methods in mathematical programming under uncertainty.

**Submissions**

Submissions are open at <https://wcgo2019.event.univ-lorraine.fr/page/submissions>  
(Select the track “Special Session - Optimization Methods under Uncertainty”)

**Important dates:**

January 31, 2019	Deadline for the submission
February 28, 2019	Notification of acceptance/rejection