

## Special sessions

### Recent Advances in DC programming and DCA

5th international conference on “Modelling, Computation and Optimization in Information Systems and Management Sciences”

MCO 2025

June 4 - 6, 2025, Metz, France

<https://mco2025.event.univ-lorraine.fr/>

**Organizer:** Hoai An Le Thi (University of Lorraine and Academic Institute of France (IUF))  
Email: [hoai-an.le-thi@univ-lorraine.fr](mailto:hoai-an.le-thi@univ-lorraine.fr)

#### General description of the special session

The year 2025 marks the 40th birthday of DC (Difference of Convex functions) programming and DCA (DC Algorithm), powerful tools of nonconvex programming. During the last years, a new generation of DCA based algorithms is developed to tackle difficult problems involving Big data. Parallely, works using DCA for numerous applications in various areas are increasingly appeared.

This symposium welcomes works on advanced DC Programming and DCA, from both a theoretical and an algorithmic point of view. Especially, those related to modeling and solving practical nonconvex programs from different areas of Applied Sciences by DCA based algorithms are encouraged.

#### Submission

Submissions are open at <https://mco2025.event.univ-lorraine.fr/page/submission>  
(Select the track “Special Session - Recent Advances in DC programming and DCA”)

#### Important dates:

March 09, 2025	Deadline for the paper submission
March 24, 2025	Notification of paper acceptance/rejection
April 15, 2025	Abstract submission deadline
April 17, 2025	Abstract acceptance/rejection notification