

## Special sessions

### Combinatorial Optimization

6th World Congress on Global Optimization (WCGO 2019)

July 8 - 10, 2019, Metz, France

<https://wcgo2019.event.univ-lorraine.fr/>

**Organizers:** Dr. Viet Hung Nguyen (Sorbonne University, France)  
Dr. Kim Thang Nguyen (Paris-Saclay University, France)  
Dr. Ha Duong Phan, (Institute of Mathematics, Vietnam)

#### Description

Combinatorial Optimization as other subareas of Optimization is facing now many challenges due to many factors such as

- the exponential growth of data in term of volume,
- the uncertain nature of the data,
- multi-criteria and fairness on the objective ...

These challenges create new links between Combinatorial Optimization with other areas such that Machine Learning, Stochastic Optimization, Multi-objective Optimization, Decision Sciences, Artificial Intelligence, ...

The session encourages submissions presenting original and recent researchs on topics involving the above challenges as well as on classical topics of Combinatorial Optimization.

#### Topics of interest

Topics include but not limited to

- Graph Optimization
- Integer programming
- Polyhedral combinatorics
- Approximation algorithms
- Quadratic 0/1 programming
- Stochastic combinatorial optimization
- Fair et multiobjective combinatorial optimization
- Online combinatorial optimization
- Network optimization

#### Submission

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

#### Important dates:

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