## **Editorial**

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This proceeding contains the selected papers presented at CISTEM2018: Conference Internationale en Sciences et Technologies Electriques au Maghreb held on October 29–31, 2018 in Algiers. There were 412 submissions. Each submission was reviewed by at least two reviewers. The scientific committee decided to accept 213 papers. The program also includes five keynotes speakers, two workshops and four tutorials. The International Conference on Electrical Sciences and Technologies in Maghreb (CISTEM) is a federative and structuring event that brings together the Maghrebian electrical specialists. It is also a privileged exchange channel aiming to increase inter-Maghreb interactions and international visibility. The first edition was held in Tunis (CISTEM-2014) and the second in 'Marrakesh' in 2016. The third edition of CISTEM held in Algiers foresees the participation of many Maghrebian exhibitors, as well as the organisation of round tables discussing the cooperation between industry and university.

The main goal of this special issue is to collect high-quality papers in the latest research and development in the field of optimisation algorithms applied to power systems presented at the third edition of the CISTEM'2018 conference.

Topics include, but are not limited to, the following:

- power systems
- renewables and energy efficiency
- power system stability and control
- automation and advanced systems control
- HVDC/HVAC systems
- FACTs
- storage systems
- multi-agent systems
- optimisation and artificial intelligence
- fuzzy logic controller
- artificial neural network
- particle swarm optimisation
- bacterial foraging optimisation
- genetic algorithms
- ant colony optimisation
- artificial bee colony
- cuckoo search
- firefly algorithms
- gravitational search algorithm
- grey wolf optimiser
- whale optimisation algorithm
- bat optimisation algorithm, etc.