

## Self-organization and Intelligence

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### EDITORIAL

The group behavior of social creatures has always been a source of inspiration for computer scientists. Collaborative nature of group members exhibits an intelligent behavior which usually, cannot be obtained by any single individual of the group. This intelligent behavior commonly, known as swarm intelligence is implemented by computer scientists in the form of computational algorithms. Ant colony optimization (ACO), particle swarm optimization (PSO), artificial bee colony (ABC), glow worm swarm optimization (GSO), firefly algorithm (FA) and bacterial foraging optimisation (BFO) are some such computational algorithms and are called as swarm intelligent algorithms.

Swarm intelligent algorithms are probabilistic in nature and are applied to those problems for which a near optimal solution is acceptable in a reasonable time instead of a true optimal solution. Due to this, swarm intelligence has become very popular and useful in last 9 years. **Journal of Swarm Intelligence and Evolutionary Computation (SIEC)** is a peer reviewed journal devoted to the publication of recent and significant research in the field of swarm intelligence. SIEC considers both theoretical development and application related papers. Articles in the first issue of SIEC are selected after several rounds of meticulous review process. On behalf of all the editorial board members, I would like to thank all researchers in the field of swarm intelligence who accepted our invitation to submit their scholarly work for the inaugural issue of SIEC. I am thankful to all the editors and the reviewers who supported the journal with their valuable suggestions. I am special thankful to Prof. **Qiangfu Zha** (Executive Editor of SIEC) for her continuous support to **Journal of Swarm Intelligence and Evolutionary**.

I express my sincere thanks to the science Publishers who provided me the opportunity to edit an international journal with such a reputed publisher.

The latest issue of SIEC article. The latest paper, an application of swarm intelligence for the design of Robotics and Health and Safety at Work by Jesús R. Mercader Uguina , Ana B. Muñoz Ruiz presents The paper provides an analysis of the main changes due to robotic disruption in the workplace. In

particular, the article focuses on the health and safety at work taking account the EU regulatory framework as well as the international technical safety standards.

According to Rifkin [1], the impact of robotics can lead to a progressive reduction of human labour, although there is no consensus on the effects this will have on employment and our future labour markets (between 9-54% of jobs threatened according to the Opinion of the European Economic and Social Committee on Artificial Intelligence: anticipating its impact on employment to ensure a fair transition 2018/C 440/01) [2]. A clear example of these issues is the Chinese mobile phone factory Changying Precision Technology which used to be run by 650 employees, but now just 60 people get the job done, while robots take care of the rest and the human workforce will drop further to 20 employees who will be in charge of managing and maintaining this robotic machinery [3-6].

Our Editorial Board members are instrumental providing a rapid and efficient editorial process and maintaining high standards within our publication We would like to take this opportunity to thank you for the effort and expertise that you contribute to reviewing, without which it would be impossible to maintain the high standards of double peer-reviewed journals. For the success of any journal, reviewers are an essential part and therefore the reviewers merit sincere appreciation. Journal of Vaccines & Vaccination relies on the efforts and benevolence of the reviewers on assessing the suitability of a manuscript for publication in Journal of Vaccines & Vaccination. The inputs of reviewers are frequently used in improving the quality of a submitted manuscript. The reviewing of a manuscript is very essential to assure the quality of the manuscript published in any journal. I thank all reviewers for their excellent contributions.

Finally, I would like to thank you, the contributors and readers for your interest in the journal and I encourage you to continue to send us your valuable feedback and ideas for further improvement of our journal.

### REFERENCES

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