



## Advances in Swarm Intelligence, Data Science and Their Applications

Guest Editors:

**Prof. Dr. Ying Tan**

**Dr. Yan Pei**

**Prof. Dr. Gaige Wang**

**Prof. Dr. Fernando Buarque**

Deadline for manuscript  
submissions:

**closed (30 June 2022)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue will cover the most recent discovery and development centered around two major topics: swarm intelligence and data science.

Our Special Issue is mainly concerned with advances in the field of data mining, machine learning, pattern recognition, automatic control, and their respective applications.

- Swarm intelligence
- Big data
- Natural computing
- Fireworks algorithms
- Multi-agent theories
- Optimization theories
- Data mining
- Machine learning
- Pattern recognition
- Automatic control





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### **Prof. Dr. Flavio Canavero**

Department of Electronics and  
Telecommunications,  
Politecnico di Torino, 10129  
Torino, Italy

## Message from the Editor-in-Chief

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*Electronics* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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