

## Special Issue

# Theories and Technologies of Crowd Decision-Making

### Message from the Guest Editors

The aim of this Special Issue, is to discuss agent-based methodologies, tools and relevant formal theories that aid crowd collaboration and decision-making to achieve higher collective intelligence. We invite original, high-quality, scholarly research papers on topics including (but not limited to): Technologies and platforms to enhance crowd decision-making.

Formal theories of crowd decision-making such as formal argumentation, social choice theory, game theory, mechanism design, etc.

Group decision-making and wisdom of the crowds. Collective intelligence and superminds.

Multiagent systems and distributed AI to support crowds.

Sociology and social psychology.

Ethics, law, and social issues on crowd decision-making.

Other related topics such as crowdfunding, crowdsourcing, civic science, etc.

---

### Guest Editors

Prof. Dr. Takayuki Ito

Dr. Hadfi Rafik

Dr. Arisaka Ryuta

---

### Deadline for manuscript submissions

closed (31 December 2021)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/84453](https://mdpi.com/si/84453)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls-ci@mdpi.com](mailto:appls-ci@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[appls-ci](https://appls-ci.mdpi.com)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )