



Recent Advances in Educational Robotics

Guest Editors:

**Prof. Dr. Savvas A.
Chatzichristofis**

Department of Computer
Science, Neapolis University
Pafos, Pafos 8042, Cyprus

Dr. Zinon Zinonos

Department of Computer
Science, Neapolis University,
Paphos 8042, Cyprus

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Message from the Guest Editors

Robotics has drawn great interest from teachers and researchers over the last decade as a powerful tool to improve cognitive and social skills for preschool to high school students and to facilitate learning in science, mathematics, technology, computer science, and other school subjects or interdisciplinary learning activities. More specifically, educational robotics aims to improve the learning experience of people through the creation, implementation, improvement, and validation of pedagogical activities, tools (e.g., guidelines and templates), and technologies, where robots play an active role and pedagogical methods inform each decision. Educational robotics has emerged as a unique learning tool that can offer hands-on, fun activities in an attractive learning environment promoting students' interest and curiosity.

Topics of interest for this Special Issue:

- Educational robotics platforms;
- Educational robotics competitions;
- Educational robotics technological products and practices;
- Educational robotics learning processes;
- Educational robotics pilots and best practices;
- Computational thinking through educational robotics.





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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
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