

Special Issue

Recent Advances in Educational Robotics

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.

Guest Editors

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Deadline for manuscript submissions

closed (15 July 2022)



Electronics

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Impact Factor 2.6
CiteScore 6.1



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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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