Special Issue

Artificial Intelligence Algorithms and Generative AI in Education

Message from the Guest Editors

The integration of artificial intelligence (AI) algorithms and generative AI in education represents a transformative approach that is reshaping the landscape of teaching and learning. These advanced technologies offer unprecedented opportunities to enhance educational experiences, personalize instruction, and revolutionize assessment methods. While AI has been making inroads in education for some time, recent advancements in generative AI present both exciting possibilities and complex challenges for educators, students, and educational institutions.

For this Special Issue, we invite contributions that explore the intersection of AI algorithms and generative AI with educational practices, examining their impact on learning outcomes, pedagogical strategies, and the overall educational ecosystem. We are particularly interested in research that investigates the potential of these technologies to create more engaging, efficient, and equitable learning environments.

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About the Journal

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

Editor-in-Chief

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