Special Issue

AI-Enhanced Didactics: Transforming Education Through Intelligent Technologies and Fostering 21st Century Skills

Message from the Guest Editors

The integration of artificial intelligence (AI) into educational practices represents a transformative shift in how teaching and learning are approached and this Special Issue aims to explore the multifaceted impact of AI on specific didactics, focusing on innovative methodologies that leverage AI to enhance educational outcomes. AI resources offer personalized learning experiences, adaptive assessments, and intelligent tutoring systems that adapt to the individual needs of learners, thus fostering inclusion and equity in education. AI-based tools enable new forms of classroom interaction. This Special Issue will serve as a platform for educators, researchers, and policymakers to share knowledge, best practices, and innovative solutions that leverage AI to create more effective, engaging, and equitable educational environments, while assessing how to train students in its appropriate use.

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From its first issue in 2011, *Education Sciences* (ISSN 2227-7102) has grown as a scholarly international open access journal. Its aim remains to publish extended full-length research papers that have the scope to substantively address current issues in education. As a member of the Committee on Publication Ethics (COPE), our goal has been to disseminate high quality research. Our publisher, MDPI, takes the responsibility to enforce a rigorous double-blind peer-review together with strict ethical policies and standards to ensure to add high quality scientific works to the field of scholarly publication.

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