

Special Issue

The Digital Transformation of Education: Trends, Technologies, and Responsible Innovation

Message from the Guest Editors

We invite original research articles, reviews, and case studies that address current challenges in modern education, including curriculum development, assessment techniques, and the integration of industry demands. Of particular interest are contributions that focus on the impact of AI—especially large language models (LLMs)—on teaching and learning, including intelligent tutoring systems, code generation, and automated feedback mechanisms. The Issue also welcomes innovative proposals and discussions on responsible design and deployment of AI-driven educational technologies, with attention to data privacy and user trust and other similar topics. Submissions exploring cutting-edge solutions such as augmented/virtual/mixed reality (AR/VR/XR), gamified learning platforms, adaptive learning environments, modern software development practices, and the use of cloud or edge computing in educational software are highly encouraged. We also welcome interdisciplinary approaches and applied research that bridges education, software engineering, and AI, fostering a holistic view of the next generation of computing education.

Guest Editors

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Deadline for manuscript submissions

28 February 2027



Computers

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You are invited to contribute a research article, a comprehensive review or a software paper for consideration and publication in Computers (ISSN 2073-431X). Computers is an international, peer-reviewed, open access journal which provides an advanced forum for computer sciences. Computers is published in open access format—research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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