



Digital Transformation of Education: Advances in Research Methodology and Theory Development

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Message from the Guest Editors

The emerging digital technologies and information systems have vividly influencing the structure and function of educational systems. From a sustainability point of view the forthcoming reconstructing of the learning context needs updated theories that can describe human-computer interactions, explain them and predict behaviors and outcomes. In this effort, research methodology along with devices such as measurement instruments, exploratory and confirmatory approaches, latent variable modeling, networks, nonlinear methods, and other state-of-the-art tools play a crucial role. Lucid reviews on research methodologies applied to the field and articulated qualitative inquiries are also included. In addition, interdisciplinary approaches adopting sociological and psychological frameworks applied to digitally transformed learning environments are by far needed to establish theories. This Special Issue, serves as the venue for presenting the contemporary trends and advances in methodology and theory development on human-digital systems.





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