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Papers must be in English, but short abstracts in other language(s) may be added. All manuscripts are peer reviewed by at least two independent referees. Papers accepted for publication by the editorial board are subject to editorial revision.

This journal has a special focus on the heuristic questions of:

(1) How machine, as well as other modern digital/smart, learning approaches, models, algorithms and paradigms can—conceptually, theoretically and technically—deal with human knowing, human learning, human reasoning, and human understanding in various educational and pedagogical contexts, and

(2) How modern AI-based systems can enhance the quality of human knowing, human learning, human teaching and human understanding.

The scope of this journal includes (and is not limited to):

• Machine [and AI-based] Learning Methods and Techniques in Education and Pedagogy
• Learning/Teaching Design using Machine Learning and Artificial Intelligence
• Machine [and AI-based] Learning and Computational Models of Human Learning
• Machine [and AI-based] Learning and Innovative Learning/Pedagogical Scenarios
• Machine [and AI-based] Learning Methods and Adaptive Collaborative Learning Systems
• Machine [and AI-based] Learning and Computational Models of Human Knowledge
• Machine [and AI-based] Learning and Analysis of Cognitive Processes
• Machine [and AI-based] Learning and Dynamic Learning Analytics
• Machine [and AI-based] Learning and Personalised Learning/Teaching Analytics
• Machine [and AI-based] Learning and Personalised Support for Learning/Teaching Communities
• Machine [and AI-based] Learning and Visualisation of Learning Processes
• Machine [and AI-based] Learning and Blended, Distance, and Online Learning
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