

SPECIAL TRACK PROPOSAL

Title: Artificial Intelligence in Education

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Description and significance of the Special Track:

The recent boom of artificial intelligence has uncovered the hidden potential for intelligent models to address and effectively solve a wide range of problems from multiple domains. Education is a transversal domain of research, which is benefiting significantly from the latest advances in the development of intelligent solutions. While the contributions of artificial intelligence in education are diverse, the practical application of such models has a huge potential, concerning physical and virtual classrooms for all age ranges and adapted to very distinct needs and circumstances.

The Artificial Intelligence in Education Special Track brings together the latest advances in the conception, development and application of artificial intelligence models for education. These models address aspects such as student performance assessment, student engagement enhancement, emotion and learning styles and predisposition identification, virtual assistants, classroom enhancement technologies, automatic adaptation of teaching processes, among others.