Call for Papers

Journal of Defense Modeling and Simulation: Applications, Methodology, Technology (JDMS)

Special Issue: The Whole is Greater Than the Sum of Its Parts: Possibility and Potential at the Intersection Between Artificial Intelligence and Education & Training (J20-3)

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Introduction
The fields of Artificial Intelligence and Education & Training are experiencing an unprecedented resurgence. This is due in no small part to recent advances in the science and technology that drive discovery and innovation in these fields. The development of ever more powerful and efficient processing systems, a renaissance in allied fields like neuroscience, data analytics and visualization, cognitive science, cognitive computing and advances in materials science have collectively enabled the solution of challenges to these fields which, only a decade ago, appeared insurmountable. Consequently, it is timely to explore the possibilities and potential benefits to be accrued when these two fields intersect. The goals of this special issue are threefold: (1) to promote understanding of AI for education and training applications (2) to gain awareness of research and development activities in AI that are applicable to education and training applications and (3) to characterize the reciprocal benefits that advances in education and training have on the further advancement of AI. Topics include but are not limited to the following:

- Reviews of the state of the science in AI or Education and Training
- Theory and research articles that address cutting edge efforts that seek to overcome significant challenges in AI or Education and Training
- Education & Training applications that leverage recent AI advances
- AI applications or capabilities that leverage recent advances in Education & Training
- Outstanding challenges associated with further advancing the state of AI or Education & Training Science and Technology or the intersection between the two.

Papers submitted should not be concurrently under review at another conference, journal, or similar venue.
Instructions for Manuscript Preparation

For manuscript formatting and other guidelines, please visit the Author Guidelines for JDMS.

Note: Manuscripts must not have been previously published or be submitted for publication elsewhere. Each submitted manuscript must include title, names, authors' affiliations, postal and e-mail addresses, and a list of keywords. For multiple author submission, please identify the corresponding author.

Due Dates

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<td>June 30, 2020</td>
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Submissions for full paper review

All manuscripts must be submitted electronically through the paper submission system to the JDMS Manuscript Submission System. In the title page, author(s) must specifically mark that the paper is intended for this special issue as follows: "Submission for the Special Issue of JDMS: Artificial Intelligence for Education and Training Applications. Please follow the guidelines for submission on the Manuscript Central site.

Final paper submissions

Each final submission must be prepared based on the JDMS journal requirements (see the Author Guidelines for JDMS page).

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