IMCL Special Session
Call for Papers

Artificial Intelligence in Learning and Assessment (AILA-25)

Overview

Technology Enhanced Learning (TEL) has immense impact in all walks of life. One of the most significant contributions of the TEL may be in the field of customised learning using automated assessment. Artificial Intelligence in Learning and Assessment (AILA) is a promising area of research both in school education and higher education. In context to Authentic Learning (AL), AILA is an important expanse of study. Automated assessment of subjective type answers using AI and X-AI play a prominent role. In order to augment skill set of the students and learners in the field of vocational and technician education, new research in personalized learning, automated grading of the subjective answers, adaptive testing, gamification and engagement, ethical consideration in the assessment are relevant in respect to upcoming research. The group proposing this special session on Artificial Intelligence in Learning and Assessment (AILA-25) are soliciting new and original research in the following related topics but not limited to:

Topics

- *Personalized Learning*
  - *Customized content generation*
  - *Tailor made Learning Object (LO) design*
  - *Dynamic content design*
  - *Granularity in LO*
  - *Learning Object Metadata (LOM)*
- *Automated Assessment*
  - *Confidence Based Assessment (CBA)*
  - *Automated assessment of short answer type questions*
  - *Automated assessment of long answer type questions*
  - *Assessment using NLP*
  - *Automated grading*
- *Authentic Learning*
  - *Assessment beyond classroom*
  - *Assessment in the world of work*
  - *Assessment for ill-defined problems*
- *Promoting Accessibility to Learners*
  - *AI in Promoting Accessibility For All (AFA)*
  - *AI based solution for Visual Impaired*
  - *AI based solution of Hearing Impaired*
  - *AI based Speech Therapy*
  - *AI in Psychology and Learning*
- *Adaptive Evaluation and Testing*
  - *Personalized assessment of learners' knowledge skill and confidence*
  - *AI in Confidence Based Assessment (CBA)*
- *Remote Proctoring*
  - *AI in monitoring student activity*

- o AI tools for examination and evaluation
- Ethical Issues and Fairness
  - o AI in Detecting Plagiarism
  - o AI tools for transparent and accountable educational goals
  - o AI tools to support Academic Integrity

Program Committee

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