REV2022 Special Session
Call for Papers

Title
Artificial Intelligence in E-learning and Healthcare

Acronym
AIEH

Overview
The COVID-19 pandemic has brought e-learning to the fore, furthermore, artificial Intelligence has made remote learning more comfortable as students interact easily with the content of the e-learning platforms.

Furthermore, rather than providing a one-size-fits-all approach, eLearning platforms that use Artificial Intelligence can customize content based on each student's existing knowledge and needs.

Personalized or adaptive learning is a data-driven approach that continuously monitors each student's performance and adapts content to reflect each student's expertise and preferences. As a result, if a student is attempting to master a new skill, the platform will adjust the material and difficulty levels based on their progress until they have officially mastered the concept. Creating a personalized learning path for each student with relevant topics not only saves time but also boosts students' motivation.

Besides, most higher education institutions and companies are increasingly recognizing the potential of using artificial intelligence in learning and development. In fact, lots of them had implemented some type of artificial intelligence, and they are using emerging technologies based on it. In addition, artificial intelligence is used in every domain. For example:

- *in healthcare it has the potential to help healthcare providers with many aspects of patient care and administrative processes.*

- *In business, it is widely used in commercial applications such as automation, data analytics, and natural language processing.*

- *In management, artificial intelligence has huge potential to help managers make better decisions.*

- *In IoT, the convergence of artificial intelligence and IoT has the potential to reshape industries, businesses, and economies.*

- *…….*

Finally, our aim is to gather researchers in this field of research and allow them to share their ideas and conceptual approaches and discuss the recent advances in this field.

We invite researchers, developers, and all those working in this area to submit work under the following topics:

Topics

Authors are invited to submit complete papers for the IDET Special Session (no abstracts needed). The topics cover all aspects of the session, including but not limited to the following:

Topics of interest include, but are not restricted to:

- *Artificial Intelligence*
- *Artificial Intelligence and the future of higher education*
- *Artificial Intelligence and Healthcare*
- *Deep learning and biometric security systems*
- *The use of artificial Intelligence to handle with pandemic situations*
- *Social networks analysis and Artificial Intelligence*
- *Artificial Intelligence and IoT*
- *…….*

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