Special Issue

Interaction Design Technologies for Education: Advancements, Challenges, and Impacts

Message from the Guest Editor

Interaction design (IxD) is essential when developing modern systems with interfaces between humans and technology. Especially in recent years, we are required to design diverse interactions such as human–AI, human–cyberspace, and human–robot. In the context of educational technology, the diverse interactions can create new learning/teaching methods and bring higher learning effects. This Special Issue widely calls for articles focusing on research, development, and/or practice related with IxD and educational technology. Topics of interest include, but are not limited to, the following:

- AI technology (e.g., GenAI);
- Big data technology (e.g., learning analytics);
- Cyber–physical computing technology (e.g., IoT);
- Digital game technology (e.g., serious game);
- Mobile technology (e.g., smartphone app.);
- Modeling, simulation, and visualization technology (e.g., adaptive learning support);
- Multimedia/multimodal technology (e.g., haptic device);
- Robot technology (e.g., humanoid robot);
- Sensing technology (e.g., EEG);
- User interface technology (e.g., eye tracking);
- XR (VR/AR/MR) technology (e.g., metaverse).

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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