

Special Issue

Intelligent Information Retrieval and Context-Aware Computing

Message from the Guest Editors

Context awareness has always been critical in intelligent information retrieval. This is especially critical for retrieval methods powered by generative AI models that fundamentally rely on the interpretation of the context to adapt the generated content to the user-specific needs or application-specific environment. Examples of context-sensitive retrieval applications include sector-specific conversational agents, the augmentation of media with audio-visual effects, boosting information retrieval with NLP-enabled applications, and enhancing systems using AI-enabled techniques. This Special Issue invites research papers promoting the interpretation and incorporation of context related to user and data engineering, interaction, and application domains in order to advance intelligent information retrieval. Submissions from scientists and academics from across the world are welcome.

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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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