

## Special Issue

# The Age of Transformers: Emerging Trends and Applications

### Message from the Guest Editors

Transformer architectures, which were first introduced in 2017, have rapidly become the backbone of modern artificial intelligence, powering breakthroughs in natural language processing, vision, and multimodal learning. Their ability to model dependencies and adapt across tasks has led to a wave of innovative applications, from large language models to generative systems and intelligent agents. As these technologies mature, their impact extends far beyond their computational origins, reaching into the worlds of culture, education, and heritage. This Special Issue explores how transformer models are transforming our approaches to preserving the past and shaping the future of learning. We invite scholars, researchers, and practitioners to contribute original work that showcases how transformer-based technologies are being applied in cultural heritage and educational contexts. We are particularly interested in submissions that present novel applications, theoretical frameworks, or critical reflections on their use and implications.

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### Guest Editors

Prof. Dr. Athanasios Nikolaidis  
Prof. Dr. Charalampos Strouthopoulos  
Dr. George Pavlidis

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### Deadline for manuscript submissions

20 August 2026



## Applied Sciences

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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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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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