# Special Issue

# Cutting-Edge Advances in Intelligent Media: Detection, Analysis, Generation, and Application

## Message from the Guest Editor

The rapid development of generative AI has catalyzed a paradigm shift in social media, marked by a transition from user-generated content (UGC)- to AI-generated content (AIGC)-centered intelligent media platforms. While AIGC has introduced transformative innovations such as AI-assisted writing and content creation, it has simultaneously raised critical concerns regarding AI-driven information pollution and content authenticity. In this context, the development of robust mechanisms for intelligent media content detection, analysis, and generation has become paramount in the AIGC era, necessitating comprehensive research and innovative solutions to harness the potential of AI while mitigating its risks. We invite you to contribute a peer-reviewed, comprehensive review or original research paper for possible publication in this Special Issue.

## Guest Editor

Dr. Lianwei Wu

School of Computer Science, Northwestern Polytechnical University, Xi'an 710129, China

## Deadline for manuscript submissions

20 September 2025

# About the Journal

### 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.

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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