

Special Issue

Recent Advances in Image and Video Processing Using Artificial Intelligence

Message from the Guest Editors

Currently, artificial intelligence (AI) is a major topic that is attracting a lot of attention in many scientific fields. Artificial intelligence aims to understand the essence of biological intelligence and develop intelligent systems that can mimic the performance of human intelligence.

For this Special Issue, we encourage researchers to provide contributions in this historical era of AI, as this Special Issue aims to synthesize the current state of knowledge on AI and define the most exciting approaches and techniques that could potentially be used to advance image and video processing using AI. Potential research topics:

- Object detection and tracking based on AI;
- Generative adversarial network (GAN)-based image and video processing and recognition;
- AI and blockchain applications in image and video processing;
- AI-based image and video processing in brain research and neurological disease diagnostics;
- AI for brain-computer interfaces;
- Image interpretation based on AI.

Guest Editors

Dr. Meng Li

Shanghai Institute of Microsystem and Information Technology,
Chinese Academy of Sciences, Shanghai 200050, China

Prof. Dr. Junbao Li

School of Computing, Harbin Institute of Technology, Harbin 150001,
China

Deadline for manuscript submissions

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

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