

## Special Issue

# Artificial Intelligence-Based Image Processing and Computer Vision

### Message from the Guest Editor

Computer vision enables machines to extract latent information from visual data and to mimic the human perception of sight with computational algorithms. Advances in AI-based image processing and computer vision have enabled many exciting new applications, such as autonomous vehicles, unmanned aerial vehicles, computational photography, augmented reality, surveillance, optical character recognition, machine inspection, autonomous package delivery, photogrammetry, biometrics, computer-aided inspection of medical images, and remote patient monitoring. Image processing and computer vision have applications in various domains including healthcare, transportation, retail, agriculture, business, manufacturing, construction, space, and military. This Special Issue will explore algorithms and applications of image processing and computer vision inspired by AI. For this Special Issue, we welcome the submission of original research articles and reviews that relate to computing, architecture, algorithms, security, and applications of image processing and computer vision.

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 January 2025)



## AI

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