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# **Recent Applications of Computer Vision for Automation and Robotics**

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Deadline for manuscript submissions:

closed (20 October 2022)

## **Message from the Guest Editors**

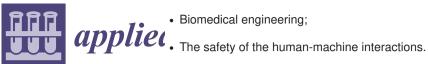
This Special Issue aims to discuss and solve the current key issues and problems related to recent applications of computer vision for automation and robotics. We only accept submissions for articles related to applications of computer vision for automation and robotics.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not be limited to) the following:

- Video simultaneous localization and mapping (VSLAM) solutions;
- Image-based navigation of unmanned aerial vehicles (UAVs) and other mobile robots;
- Texture analysis and shape recognition;
- Novel image descriptors useful for image-based classification of objects;
- Feature extraction and image registration;
- Binarization algorithms and binary image analysis;
- · Fast algorithms useful for embedded solutions;
- No-reference image quality assessment;
- Natural image analysis;
- · Applications of computer vision in autonomous vehicles;
- Image and video seen understanding: 13506



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· Biomedical engineering;

Intelligent transport and logistics:





We look forward to receiving your contributions.

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### **Editor-in-Chief**

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## Message from the Editor-in-Chief

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