



## Future Trends in Applications of Neural Networks for Vision-Based Autonomous Tasks

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### Message from the Guest Editors

The field of computer vision has experienced remarkable growth in recent years, mainly due to the use of neural networks. Autonomous vision-based applications have become essential in a variety of industries from autonomous driving robotics to surveillance and augmented reality. These neural-network-powered systems have changed the landscape of visual awareness, enabling machines to understand, meet and interact with the world around them. This Special Issue provides a platform to explore and discuss the latest applications, developments and future directions in the use of neural networks for autonomous vision-based tasks.

We invite contributions demonstrating new applications or improvements in neural networks applied in areas including, but not limited to, the following:

- **Autonomous Navigation and Robot Control**
- **Computer vision for autonomous vehicles**
- **Inspection and Security:**
- **Environmental Research and Agriculture:**





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## Message from the Editor-in-Chief

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