

## Special Issue

# Intelligent Unmanned Vehicles for Image Capturing and Sensing

### Message from the Guest Editors

In this SI, original research articles and reviews are welcome. Research areas may include but are not limited to the following:

- Channel modeling and communication protocols of IUVs (UAVs/UGVs);
- Energy consumption modeling of IUV sensing devices;
- Resource allocation for IUV communications;
- Security of IUV communications;
- Analytical frameworks of IUV communications;
- Machine learning for IUV communications and sensing;
- On-board data processing for image capturing and sensing on IUVs;
- Experiment and prototype of IUVs for image capturing and sensing;
- Object detection, classification and segmentation algorithms for multispectral and hyperspectral imaging;
- Feature extraction and reduction for multispectral and hyperspectral imaging;
- Change and anomaly detection in multispectral and hyperspectral images;
- Interpretability and explainability in machine learning for multispectral and hyperspectral imaging;
- Applications of multispectral and hyperspectral imaging;
- Data fusion from multiple sensors.

### Guest Editors

Dr. Quoc-Tuan Vien

Faculty of Science and Technology, Middlesex University, London NW4 4BT, UK

Dr. Tuan Thanh Nguyen

Faculty of Engineering and Sciences, University of Greenwich, London SE10 9LS, UK

### Deadline for manuscript submissions

closed (31 December 2023)



## Electronics

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*Electronics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

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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.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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

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