

## Special Issue

# Networked Robotics and Control Systems

### Message from the Guest Editors

We invited for scientists, engineers and practitioners to submit their original theoretical and practical contributions to this SI. This may be on subjects such as networked control systems, as well as multi-agent systems with applications in various large-scale robotic plants including unmanned ground vehicles, unmanned aerial vehicles, autonomous underwater vehicles, as well as cyber-physical systems, smart grids, etc. Topics include, but are not limited to, the following:

- NCSs (and large-scale NCSs) with various kinds of constraints such as packet dropouts, time-delay in data transmission, communication protocol, event-triggered mechanism.
- Cooperative control of multi-agent systems with applications to multi-robots including unmanned ground vehicles (UGVs), unmanned aerial vehicles (UAVs), autonomous underwater vehicles (AUVs), automatic guided vehicles (AGVs).
- Distributed control and optimization theories (nonlinear control, adaptive control, robust control, model predictive control, etc.) of networked control systems and networked robotics.
- Path planning, navigation, localization, mapping of networked multi-robot systems.

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### Guest Editors

Dr. Yang Zhu

Dr. Jie Tao

Prof. Dr. Meng Zhang

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### Deadline for manuscript submissions

closed (15 March 2024)



## Electronics

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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

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