

## Special Issue

# Nonlinear Estimation Advances and Results

### Message from the Guest Editors

The aim of this Special Issue is to focus on advances in nonlinear estimation techniques and applications towards multimodal (e.g., multisensor, multiphenomenology, and multiresolution) data-processing in complex scenarios, software methods, and/or hardware devices. Submissions to this Special Issue on “Nonlinear Estimation Advancements and Results” are solicited to represent a snapshot of the field’s development by covering a range of topics that include, but are not limited to new methods, algorithms, solutions, and applications in the following areas:

- Federated, decentralized and distributed filtering;
- Dynamic data, feature, and decision fusion;
- Navigation, control, and coordination of autonomous systems;
- Biomedical, multimedia, and statistical signal processing;
- Communication, networking, and cyber analysis;
- Multi-dimensional, multimodal, multi-phenomenology characterization;
- Signals, data, and information understanding;
- Space, situation, and environment awareness;
- Shallow, deep, and temporal machine learning;
- Real-time algorithms for nonlinear estimation;
- Hardware-specific implementations of nonlinear estimation.

### Guest Editors

Dr. Erik Blasch  
Dr. Jindrich Dunik  
Prof. Dr. Ondřej Straka

### Deadline for manuscript submissions

closed (31 December 2021)



## 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 guestedited 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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