



## Optimization for Control, Observation and Safety

Guest Editors:

**Prof. Dr. Guillermo Valencia-Palomo**

**Dr. Francisco Ronay López-Estrada**

**Dr. Damiano Rotondo**

Deadline for manuscript  
submissions:

**closed (30 September 2019)**

### Message from the Guest Editors

In this SI call, the aim is to offer an overview of the state-of-the-art of the most advanced (online and offline) optimization techniques and their applications in control engineering. Potential topics include (but are not limited to):

- Optimal control of linear and nonlinear systems;
- Optimal control of complex systems;
- Predictive control;
- Optimal observer design;
- Numerical optimization;
- Convex optimization through linear matrix inequalities;
- Evolutionary optimization;
- Constrained optimization;
- Takagi–Sugeno systems;
- LPV systems;
- Fault detection and isolation;
- Fault tolerant control.





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## Editor-in-Chief

### Prof. Dr. Giancarlo Cravotto

Department of Drug Science and  
Technology, University of Turin,  
Via P. Giuria 9, 10125 Turin, Italy

## Message from the Editor-in-Chief

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Processes Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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