



## Control Part of Cyber-Physical Systems: Modeling, Design and Analysis

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Deadline for manuscript submissions:  
**closed (24 February 2023)**



### Message from the Guest Editors

This Special Issue concerns the modeling, design, and analysis aspects of the control part of a cyber-physical system. Topics of interest include but are not limited to:

- Modeling of the control part of CPS:
  - Concurrent models;
  - Sequential models;
  - Hierarchical state machines and Statecharts;
  - Deterministic models of the control part of CPS;
  - Other modeling aspects of the control part of CPS.
- Design of the control part of CPS:
  - Integrated and distributed implementation of the control part of CPS;
  - Hardware realization;
  - Decomposition (splitting) and synchronization techniques of the control part of CPS;
  - Static and dynamic partial reconfiguration of the control part of CPS.
- Analysis of the control part of CPS:
  - Verification of the control part;
  - Validation of the control part;
  - Analysis of the concurrency and sequentiality relations in the control part of CPS;
  - Security of the control part of CPS.



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## Message from the Editor-in-Chief

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