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Model Predictive Control in Mechatronic, Robotic, and Networked Systems

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Deadline for manuscript submissions:
closed (30 April 2022)

Message from the Guest Editors

Dear Colleagues,

Model predictive control (MPC) has received increasing interest among researchers and control practitioners in industries. Contributions from all fields related to Model Predictive Control in Mechatronic, Robotic, and Networked Systems are welcome to this Special Issue, including, particularly, the following:

- Decentralized, hierarchical, and distributed MPC
- Large-scale and cloud-based MPC
- MPC for cyber-physical systems
- Artificial intelligence in MPC
- Real-time implementation of MPC
- Applications of MPC in servo drives and electrical power drives
- Applications of MPC in industrial and mobile robotics
- Applications of MPC in industrial process control
- Applications of MPC in automotive systems
- Applications of MPC in networked and distributed systems

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