



## Agents and Robots for Reliable Engineered Autonomy

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Deadline for manuscript  
submissions:

**closed (14 March 2021)**

### Message from the Guest Editors

This Special Issue aims to bring together researchers from the autonomous agents, software engineering and the robotics communities. The Special Issue seeks original contributions that address but are not limited to the following topics:

- Agent-based modular architectures applicable to robots;
- Agent oriented software engineering to model high-level control in robotic development;
- Agent programming languages and tools for developing robotic or intelligent autonomous systems;
- Coordination, interaction and negotiation protocols for agents and robots;
- Distributed problem solving and automated planning in autonomous systems;
- Fault tolerance, health-management and long-term autonomy;
- Real world applications of autonomous agents and multiagent systems in robotics;
- Real-time multiagent systems;
- Reliable software engineering of autonomy;
- Runtime verification of autonomous agents and robotic systems;
- Task and resource allocation in multirobot systems;
- Verification and validation of autonomous systems;
- Testing and simulation tools and techniques for autonomous or robotic systems;
- Self-healing entities and systems.





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## Message from the Editor-in-Chief

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