

Special Issue

Cyber-Physical Systems for Automated Decision Making and Trusted Autonomy

Message from the Guest Editors

This Special Issue focusses on innovative sensors, sensor networks, and software architectures supporting the design and operation of CPS, with a focus on autonomous CPS (ACPS) and cyber-physical-human systems (CPHS) for automated decision making and trusted autonomous operations. Original manuscripts are elicited from researchers active in the following areas:

- Aeronautical and space cyber-physical systems;
- Intelligent transport and future mobility systems;
- Autonomous and robotic guidance, navigation, and control;
- Human-machine systems and trusted autonomy;
- Systems for digital and personalised healthcare;
- Technologies for smart and precision agriculture;
- Wireless sensors, actuators and IoT;
- Enabling technologies for the smart energy grid;
- Geospatial data acquisition, distribution and analysis;
- Transport safety and accident investigation;
- Defence, security, and humanitarian mission systems;
- Cyber-physical system safety and security;
- Cognitive and cybernetic systems.

Guest Editors

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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