

Special Issue on Cyber–Physical Systems (CPS) and Internet of Things (IoT)

Call for Papers

From tiny personal wearable sensors to wide-area factory sensing, the Internet of Things (IoT) is rapidly spreading in our real life and business. However, to realize a true Cyber–Physical System (CPS), in which the collected data is analyzed in real time and fed back to the real world, there still exist many problems concerning, for example, connectivity, high-speed data analysis, data annotation, sequential learning, and effective interaction methods. At the same time, various issues such as security, privacy, and reliability are also emerging. This special issue aims to identify the emerging challenges in all IoT-related areas that must be overcome to realize a true CPS.

Topics of primary interest but are not limited to the following.

Scope:

- Application and service of CPS/IoT
- A platform for CPS/IoT
- Security and privacy in CPS/IoT
- Machine learning for CPS/IoT
- Data collection in CPS/IoT
- Data annotation for CPS/IoT
- Hardware and sensors for CPS/IoT
- Wireless network for CPS/IoT
- Interaction for CPS/IoT

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