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Intelligent Sensors and Robots for Ambient Assisted Living

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Deadline for manuscript
submissions:

closed (31 January 2026)

Message from the Guest Editor

Dear Colleagues,

Assisted living means developments and innovations in smart homes, social robots, human activity recognition, healthcare, emergency services, and health monitoring. In recent years, this field has benefited from emerging and innovative technologies from the fields of sensing, computing, robotics, and artificial intelligence.

This Special Issue aims to publish innovative research papers that present the latest theoretical advances or showcase the latest developments or emerging technologies in the applications of the following: robotic assistance for the elderly and disabled, healthcare, remote human monitoring, wearable biosensors, social robots, and artificial intelligence. Papers in the following fields are welcome:

- Ambient intelligent systems;
- Intelligent sensors;
- Social Robotics;
- Human–robot interaction;
- Deep learning;
- Medical diagnostics;
- Biosignal processing for the recognition of human action;
- Current state-of-the-art and future trends of ambient assisted living.



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Special Issue



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Message from the Editor-in-Chief

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