IoT, Edge Computing and AI: Enabling Emerging Intelligent Applications

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Deadline for manuscript submissions:
closed (30 June 2022)

Message from the Guest Editors

In this Special Issue, the aim is to publish high-quality articles including reviews that address various challenges in the use of these technologies (AI, IoT, edge computing) to support the healthcare and wellbeing of citizens.

The topics of interest include but not limited to:

- Complex physical activity monitoring using IoT devices and AI;
- AI techniques for health and wellbeing monitoring and prediction using IoT devices;
- Security and privacy preservation of citizen sensitive data;
- mHealth sensing and apps in healthcare;
- Edge intelligence for healthcare management;
- Real time and context-aware wellbeing/activity monitoring using IoT devices;
- Ambient intelligence for homecare management using AI and edge computing;
- AI powered Edge devices for physical activity monitoring, such as sport activity monitoring;
- Mobile and ambient assisted living in smart home environment;
- Senior citizens activity monitoring;
- Medical image analysis;
- Supporting citizens with disabilities using edge devices and AI,
- Security, privacy and trust in IoT for citizen's healthcare and wellbeing;

mdpi.com/si/67423

Special Issue

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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