

Special Issue

Empowering the Smart Consumer Electronics: Opportunities by the Convergence of Sensors, AIoT, Cloud Services, Blockchain, and AR/VR

Message from the Guest Editors

Topics for this Special Issue include but are not limited to:

- Human-centric context management for interaction in smart CE;
- Intelligent IoT/sensor management for advanced (mobile) ubiquitous applications for smart CE;
- Intelligent IoT/sensor applications and middleware support for smart CE;
- Privacy, security, and trust management of smart CE;
- Intelligent IoT-based blockchain technology and applications for smart CE;
- Blockchain and information security systems for smart CE;
- Distributed algorithms and intelligent network optimization for smart CE;
- Measurements from experimental techniques for smart CE;
- Middleware and applications of cloud services, fog computing, as well as edge computing for smart CE;
- Prototypes, testbeds, and real-world deployments of intelligent systems for smart CE;
- Smart AR/VR interaction for smart CE;
- AR/VR devices and technologies integrated with IoT/sensors for smart CE;
- Immersive haptic interaction for smart CE;
- Reasoning and learning techniques for human-centric interaction in smart CE;
- Machine learning and data science in/for smart CE;
- Hardware and software design of smart CE;

Application and case studies in smart CE.

Guest Editors

Prof. Dr. Yong-Yi Fanjiang

Department of Computer Science and Information Engineering, Fu Jen Catholic University, New Taipei City 242062, Taiwan

Prof. Dr. Jen-Chih Lin

Department of Digital Technology Design, National Taipei University of



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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