

Special Issue

Explainable Artificial Intelligence for IoT and Smart Systems

Message from the Guest Editors

This Special Issue will focus on the latest advancements in XAI for IoT and smart systems and include novel methods, applications, and case studies. The scope of this SI includes but is not limited to:

- Novel XAI techniques and algorithms for IoT and smart systems;
- Applications of XAI in precision agriculture, smart cities, healthcare, and transportation;
- Interpretability and transparency of AI models in IoT environments;
- Ethical considerations and challenges in deploying XAI for IoT and smart systems;
- Case studies on the impact of XAI on decision-making in IoT applications;
- Human-computer interaction and user experience in XAI-enabled IoT applications;
- Integration of XAI with other AI techniques, such as reinforcement learning and transfer learning, in IoT environments;
- Benchmarking, evaluation, and comparison of XAI methods for IoT and smart systems.

Technical Committee Members:

- Dr. Hong Liu, Embry-Riddle Aeronautical University
- Dr. Wei Li, Auburn University at Montgomery
- Dr. Xiaomin Li, Zhongkai University of Agriculture and Engineering
- Dr. Yingying Ren, Central South University

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Deadline for manuscript submissions

closed (20 August 2024)



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About the Journal

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.

Editor-in-Chief

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