Special Issue

Explainability in Human-Computer Interaction and Collaboration

Message from the Guest Editors

Explainability, also known as interpretability in some contexts, in human-computer interactions (HCIs) and collaborations refers to the ability of a computer system to provide users with information about their inner workings and why certain decisions were made.It is an important aspect of HCI because it helps users trust and understand the behavior of AI systems, thereby increasing user satisfaction and improving decision making. In summary, the combination of explainability and HCI/C can help to improve the user satisfaction, trustworthiness, effectiveness, and efficiency of AI systems by designing them in a way that considers the human perspective and context while reducing errors and biases. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Explainability and explainable artificial intelligence;
- Human computer interaction;
- Human robot/agent collaboration;
- Human-centered AI;
- AI ethics;
- Decision-making systems;
- Recommender systems;
- Explainability in multiagent systems;
- Human robot teams.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (15 October 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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