



Explainability in Human-Computer Interaction and Collaboration

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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.





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Message from the Editor-in-Chief

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