Explainable and Interpretable AI

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Message from the Guest Editors

Dear Colleagues,

Explainable and interpretable AI (XAI/IAI) is an active area of research that aims to contribute to build a culture of best practices to achieve responsible and trustworthy AI. It focuses on developing methods to better understand the process behind the algorithms, while establishing levels of explainability adapted to different user-oriented audiences, enhancing the decision-making power of AI stakeholders by providing tools for assessment, understandability, and interaction with AI-based systems.

This Special Issue aims to collect high-quality, original state-of-the-art papers that present novel research including the following non-exhaustive list of topics:

- Bias detection/evaluation/removal
- Ethical and legal aspects of XAI/IAI
- Evaluation metrics
- Human-understandable explanations
- Epistemic aspects of XAI
- White-box approaches
- Applications of XAI/IAI in different domains

Special Issue

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Message from the Editor-in-Chief

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