Special Issue

Fairness and Explanation for Trustworthy AI

Message from the Guest Editors

Artificial intelligence (AI) and machine learning (ML) are increasingly being used to shape our daily lives by making, or at least influencing, decisions with ethical and legal implications in a variety of application areas. However, due to biased input data and/or flawed algorithms, unfair AI-informed decision-making systems may result in reinforcing discrimination, such as racial/gender bias in AI-informed decision-making, or even in high risk environments due to incorrect decisions. Such requirements need to provide re-traceability, explainability, interpretability, and transparency for such AI systems—which is technically challenging. Meanwhile, fairness and explanations are key components in fostering trust and confidence in AI systems. In this Special Issue, we will feature cutting-edge research where fairness and explanations are presented for making trustworthy decisions in AI systems.

This Special Issue invites submissions that feature original research on designing, presenting, and evaluating approaches for fairness and explanations in AI systems.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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