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White-Box Artificial Intelligence

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submissions:

closed (30 June 2022)

Message from the Guest Editors

Dear Colleagues,

This SI focuses on both theoretical and practical aspects of White-box Artificial Intelligence and Machine Learning. Particularly, we are looking for approaches that can facilitate algorithm development to make it less time consuming for developers and enhance the transparency.

Topics of interest include, but are not limited to:

- Enhancing usability between AI or ML systems and humans;
- Explainability of AI or ML algorithms;
- Transparent AI or ML algorithms;
- Evaluation metrics;
- Visualization techniques;
- User interfaces that facilitate algorithm development (GUIs, NLP, Chatbots);
- Automated code generation;
- Novel applications of Human-Centred AI or ML;
- Trust, Privacy and Security Issues;
- Experiences with the development of industrial ML systems;
- Evaluation of programming languages and libraries when developing ML systems.



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Special Issue