Emerging Trends in Machine Learning and Artificial Intelligence

Guest Editor:

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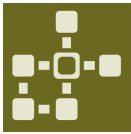Faculty of Science and Technology, Charles Darwin University, Casuarina, NT 0810, Australia

Deadline for manuscript submissions:
31 August 2025

Message from the Guest Editor

Machine learning (ML) and artificial intelligence (AI) are rapidly evolving fields that are fundamentally transforming various industries. Traditional approaches to AI and ML have been highly effective, but the ongoing advancements in these areas have led to the emergence of novel trends that push the boundaries of what is possible. These emerging trends are not only enhancing the performance and capabilities of AI systems but are also addressing some of the long-standing challenges in the field. Emerging AI and ML trends enhance image analysis, content creation, language processing, and real-time decision-making across diverse application areas like precision agriculture, emotion recognition, and autonomous systems. In specific, generative AI revolutionizes image, audio, video, and text applications. Despite these advancements, challenges remain. Hence, this Special Issue aims to address these challenges by disseminating recent advances in emerging AI and ML trends. It will focus on the flexibility and adaptability of these new approaches, as well as their potential to surpass traditional methods in terms of their performance.

Special Issue

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Message from the Editor-in-Chief

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