

## Special Issue

# Holistic AI Technologies and Applications

### Message from the Guest Editors

Holistic artificial intelligence mainly studies the theories, technologies, mechanisms, paradigms and frameworks required for the systematic reconstruction of artificial intelligence. It comprises big loop AI (to realize an end-to-end optimization with cascade and parallel AI capabilities), atomized AI (to dismantle and refactor AI capability in a reusable manner), network native AI (to standardize AI capability and computability as a service for on-demand schedule via network), and trusted AI (to ensure traceability, trustworthiness, auditability and defensibility during AI process). Relying on the ubiquitous network and computability, holistic artificial intelligence realizes flexible and efficient configuration, scheduling, training, and deployment of AI capabilities in an open environment, so as to meet the increasingly rich digital intelligent business needs while ensuring that AI business is trusted and controllable.

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### Guest Editors

Dr. Junlan Feng

China Mobile Research Institute, Beijing 100053, China

Prof. Dr. Guilin Qi

School of Computer Science and Engineering, Southeast University, Nanjing 211189, China

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### Deadline for manuscript submissions

closed (30 June 2025)



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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[applsci@mdpi.com](mailto:applsci@mdpi.com)

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### Message from the Editor-in-Chief

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

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