Special Issue

Trusted Service Computing and Trusted Artificial Intelligence, 2nd Edition

Message from the Guest Editors

The relationship between trusted service computing and artificial intelligence is deeply intertwined, as they mutually support each other's evolution. Trusted AI is essential for managing complex computing environments, while good AI drives improvements in service computing. As service computing and AI applications continue to advance, trustworthiness has become crucial due to concerns about technical flaws, security, and other related issues. Trustworthiness in service computing encompasses user trust in service providers, service quality, and data processing. A reliable service computing system should offer services in a dependable manner while ensuring the security, privacy, and integrity of data. Similarly, achieving trustworthy AI involves considering dimensions such as algorithm security and robustness, model explainability, fairness, and privacy. This Special Issue's scope includes, but is not limited to, machine learning, artificial intelligence, security, edge computing, computational modeling, data privacy, computer architecture, trusted computing, trusted networks, and data security.

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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