Artificial Intelligence and Algorithms in Intelligent Systems for Augmented Human

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Message from the Guest Editors

Dear Colleagues,

Recent advances in artificial intelligence algorithms, the huge amounts of data available and the ongoing increase in computational resources have led to extraordinary results in difficult fields such as NLP, computer vision, and cyber security.

The focus of this Special Issue is on developing intelligent systems that use artificial intelligence or other advanced algorithms to interact with humans in order to improve the human understanding and physical/mental capabilities in various areas. Such intelligent systems can operate in real or virtual environments, or in mixed realities.

We strongly encourage interdisciplinary applications including, but not limited to, the following:

-Collaborative systems that improve the situational awareness and presence of the users;

-Digital Twin tools to offer a better insight for research in fields such as medicine, chemistry, biology, energy.

We are inviting authors to submit research papers and review articles that fit the above-mentioned purpose.

Dr. Marina Anca Cidota
Dr. Clara Maathuis
Guest Editors

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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