

Special Issue

Modelling and Simulation in the Metaverse

Message from the Guest Editors

This special issue seeks to publish original research, applications, and review surveys focusing on established and emerging topics within the Metaverse umbrella. We invite submissions that include, but are not limited to, the following:

- The design and development of realistic and interactive simulations;
- The development of immersive tools and applications using eXtended Reality (XR) to create meaningful and engaging experiences;
- Creative and useful development and application of gamified and virtual environments;
- Development of Serious Games that address real-world challenges;
- Integration of IoT in simulation, e.g., to create responsive models, environments, or data-driven gameplay;
- Utilization of simulation, games, and virtual environments as playgrounds for AI training;
- State-of-the-art 3D visualization techniques, digital recreations, and the development of high-fidelity Digital Twins;
- Digital threads for modeling and simulations in real-world applications;
- Security, privacy and trust in the metaverse;
- Economic models, social and ethical implications of metaverse applications;
- Interoperability and need for standards.

Guest Editors

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Dr. Josh Siegel

Dr. Sriram Krishnan

Deadline for manuscript submissions

30 June 2025



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Author Benefits

High Visibility:

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days (median values for papers published in this journal in
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