

AIVR 2024

Forward

The First International Conference on Artificial Intelligence and Immersive Virtual Reality (AIVR 2024), held on April 14 – 18, 2024, initiated a series of events addressing the interaction between Artificial Intelligence and Virtual Reality.

Industry, agriculture, finance, health, society, education and almost all domains, including human-systems interactions (interfaces, requests, trust, ethics, etc.) are subject of major evolution with the infusion with AI-based mechanisms into Virtual environments.

Virtual environments are deemed to shape the future society. Extended virtual world will be seamlessly integrated with the physical world creating digital twins. The convergence of computing, communication, and networking for supporting complex applications (huge data, complex processing algorithms) will benefit from the Artificial Intelligence (AI) progress, especially on Deep learning, Machine learning, and Data Analytics.

This event attracted excellent contributions and active participation from all over the world. We were very pleased to receive top quality contributions.

We take here the opportunity to warmly thank all the members of the AIVR 2024 technical program committee, as well as the numerous reviewers. The creation of a high quality conference program would not have been possible without their involvement. We also kindly thank all the authors that dedicated much of their time and effort to contribute to AIVR 2024. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

Also, this event could not have been a reality without the support of many individuals, organizations and sponsors. We also gratefully thank the members of the AIVR 2024 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope AIVR 2024 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the area of AI and VR. We also hope that Venice provided a pleasant environment during the conference and everyone saved some time to enjoy this beautiful city.

AIVR 2024 Steering Committee

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