

AIVR 2023

Kumamoto, Japan • July 21-23, 2023

2023 7th International Conference on Artificial Intelligence and Virtual Reality

<http://aivr.org/>

Publication

All accepted papers will appear in the conference proceedings published by Springer-Verlag in One volume of Springer Book Series "Smart Innovation, System and Technologies (SIST), and submitted to Ei Compendex and Scopus for indexing.

Extended and improved version of selected papers from AIVR2023 will be recommended to be published in International Journal of Reasoning-based Intelligent Systems. (indexed by Ei Compendex and Scopus)

Publication History

AIVR 2018-2021 Proceedings have been indexed by Ei Compendex and Scopus.
AIVR 2022 Proceedings has been archived in Springer.

Call for papers

System techniques, performance, and implementation

Virtual reality platforms
AI platforms for VR/AR
Data generation, manipulation, analysis, and validation

Content creation and modelling

Generation of immersive environments and virtual worlds
Environments for gaming, simulation, training
Visualization, optimized and realistic rendering

Cognitive aspects, perception, user behaviour

Multimodal perception
Conversational non-player characters (NPCs)
Understanding and modelling human behaviour, emotions

AI technologies

Natural language processing
Robotics and perception
Statistical learning, Deep learning
Intelligent computing techniques

Interactions / interactive and responsive environments

Multimodal interaction and experiences in VR/AR
Human-virtual user/agent interaction
Navigation and spatial orientation in VR
Interaction devices
Brain-Computer Interfaces (BCI)

Applications and case studies

Spatial visualization
Multimodality for visualization
Immersive storytelling and gameplay
Healthcare and therapy

Not limited to the above topics, please visit the AIVR2023 webpage for more information: <http://aivr.org/cfp.html>

Submission

Paper submissions should be in English. Paper length should be at least 10 pages in Springer format style, and limited to a maximum of twenty (20) pages.

Authors can consider two types of submissions:

- Regular Papers (10-20 pages).
Conference Template: <http://aivr.org/WordTemplate.zip>
- Abstracts (consider oral or poster presentation only, abstract will not be published into conference proceedings)

For more details, please visit <http://aivr.org/sub.html>.

Conference Schedule

July 21, 2023

Conference Sign in, Materials Collection, and Welcome Reception

July 22, 2023

Opening Remarks & Keynote Speeches & Authors' Presentations in Parallel Sessions

July 23, 2023

Tour or Academic Visit

Important Dates

Submission deadline: March 15, 2023

Notification date: April 15, 2023

Registration deadline: May 1, 2023

Contact

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