

Call for Contributions

1. Inform the Chair: with the title of your contribution

2. Submission URL:

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=AIVR+2025+Special>

Please select Track Preference as **AIVR-3I**

3. Note: *For 2025, all events will be held in a hybrid mode: on site or virtual choices (live, prerecorded videos, voiced presentation slides, and .pdf slides). We hope for better times allowing us to return to the traditional on site scientific events. However, we are ready to adapt any which way the conditions dictate.*

Special track

AIVR-3I: Artificial Intelligence and Virtual Reality for Improving Inclusive Innovation

Chair

Prof. Dr. Jerome Dinet,
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along with

AIVR 2025

The Second International Conference on Artificial Intelligence and Immersive Virtual Reality

<https://www.iaria.org/conferences2025/AIVR25.html>

April 6 - 10, 2025 - Valencia, Spain

This special track will explore the use of technologies such as Virtual Reality (VR), Augmented Reality (AR), Extended Reality (XR), Mixed Reality (MR), Immersive Virtual Reality (IVR) and robots in case where users are users with specific needs such as very young children, people with Autism Spectrum Disorder (ASD) or other neurodevelopmental disability or phobias, people with cognitive, motor or sensory impairments, older users, and for people with dys- (dyslexia, dyscalculia, dysphagia, etc.), etc. Around the world, a large variety of case studies and experiments are conducted to improve and facilitate the social inclusion (at school, in companies, in our society, for democracy, etc.) of all human beings, whatever their specific needs, by using these technologies.

The session is aiming to present and discuss some current applications, case analyses, experiments, meta-analyses, challenges in implementation and evaluation, and highlight future research directions for using these immersive technologies to improve and to support social inclusion.

Subtopics for contributions include, but are not limited to:

- VR/AR tools for cognitive assessment and/or treatment
- Users experience design and feedback for elderly in XR
- Real-time challenges in monitoring of brain activity in MR Environments
- Experiences on brain activity and neuroplasticity in **older adults**
- Immersive therapies for age-related neurodegenerative disorders
- Comparative studies on VR vs. non-VR cognitive rehabilitation
- VR exposure therapy for anxiety and depression in older adults
- Impact of Long-Term XR Use on cognitive function for seniors
- Safety and risks of VR/AR in physical rehabilitation for the older adults
- Ethical considerations and privacy in using XR with aging populations

Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaia.org]
- Presentations: slide only [slide-deck posted on www.iaia.org]
- Demos: two pages [posted on www.iaia.org]

Important Deadlines

Inform the Chair or Coordinator: As soon as you decide to contribute

Submission: Feb 15, 2025

Notification: March 7, 2025

Registration: March 19, 2025

Camera-ready: March 19, 2025

Note: The submission deadline is somewhat flexible, providing arrangements are made ahead of time with the chairs.

Paper Format

- See: <http://www.iaia.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.iaia.org/editorialrules.html>

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaiajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the Open Access ThinkMind Digital Library: <http://www.thinkmind.org>

Paper Submission

<https://www.iaiasubmit.org/conferences/submit/newcontribution.php?event=AIVR+2025+Special>

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Registration

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.iaia.org/registration.html>

Contacts

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