

Special Session Call for Papers

Mixed Reality Applications for Industry and Education (MIRINDE)

Overview

The word "MIRINDE" in Esperanto means "AMAZINGLY" and we focus MIRINDE Special Session on new amazing opportunities to be opened by mixed reality for industrial and educational applications.

The goal of MIRINDE Special Session is to bring together educators and technical specialists in order to exchange expert opinions on how mixed reality, virtual reality, mulsemmedia, and immersive technologies can contribute into development of new approaches in pedagogy, engineering, and science. We expect to have inspiring discussions on best practices of the use and development of mixed reality applications, immersive environments, serious games, mulsemmedia applications in engineering, education, and other use cases. We are also going to pay special attention to technical issues of mixed reality and immersive technology application, thus, the mission of MIRINDE Special Session is to demonstrate the technical opportunities given by newest technical components, such as 3D displays, 3D sound systems, olfactory displays, haptic devices, interaction devices, head mounted devices, etc. as well as to explain the theoretical background of data representation and processing in mixed reality and immersive technology applications.

MIRINDE Special Session will cover all aspects of the use of mixed reality and immersive technologies, in particular mixed reality environments, multisensory learning environments, virtual environments, augmented cognition technologies, and serious games for better learning and teaching in the field of both engineering and humanitarian education.

Topics

- Mixed reality environments and industrial applications
- Human-computer interaction issues for mixed reality applications and environments
- Technical reports on mixed reality, mulsemmedia, and immersive technologies
- Multisensory learning environments
- Augmented cognition technologies
- Mixed reality applications for engineering and science
- Mixed reality applications for learning and education
- Pedagogical scenarios for mixed reality environments
- Future trends in mixed reality, mulsemmedia, and immersive technologies
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Contribution Types

Proposals for participation in the Special Session can be submitted in the following formats:

- Full Paper (min. 10 max. 12 pages). These include mainly accomplished research results.
- Short Paper (min. 6 max. 8 pages). These are mostly composed of work in progress reports or fresh developments.

All submissions will be peer-reviewed by at least two reviewers. All accepted papers will be included in the conference proceedings, provided at least one author pays the registration fee. The conference proceedings will be published as IMCL2019 Proceedings in the Springer series "[Advances in Intelligent Systems and Computing](#)".

For further questions, please contact the track chair(s).

Important Dates

08 Jul 2019 Submission of complete papers for special sessions

29 Jul 2019 Notification of acceptance

06 Sep 2019 Camera-ready due & Author registration deadline

31 Oct 2019 Conference Opening

Submission

Please visit: <https://www.conftool.net/imcl-conference/> and submit your paper as in the special session **“Mixed Reality Applications for Industry and Education (MIRINDE)”**

Program Committee

Chair(s)

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