



Workshop on Universal Augmented Interaction (UNAI)

<http://unai-conf.site>

at IEEE International Symposium on Mixed and Augmented Reality (ISMAR 2021)

<https://ismar21.org>

Call for Papers

The **UNAI workshop** will bring in original research, review and position papers, as well as practical developments dedicated to various types of augmented interaction, including AR, AI-enhanced and adaptive interfaces, neural and brain-computer technologies, etc. Particular focus is on making them universally useful, usable and accessible for all kinds of users, including non-technologically advanced ones, such as elder people, and in all contexts: at home and at work, in medicine/healthcare and in industry, as momentary entertainment and as everyday job. In these, the focus is on human aspects and social impact, rather than technological nuances.

The **topics of interest** include but are not limited to:

- Accessibility and universal design
- Agent-based interaction
- Artificial intelligence
- Cognitive training, therapy and rehabilitation
- Collaborative interfaces
- Computer vision
- Content creation / authoring and content management
- Conversational and speech interfaces
- Ergonomics and human factors
- Ethical issues
- Health, wellbeing, medical and industrial applications
- Human augmentations
- Human-computer interaction
- Machine learning
- Multi-modal interaction
- Neurophysiology
- Psychology and perception
- Technology acceptance and social implications
- Touch, tangible and gesture interfaces
- UI verification and visual analysis
- User experience, usability studies and human-subjects experiments

Important Dates:

Submission deadline: ~~26th June~~ 3rd July 2021 (extended)

Acceptance notifications issued: 26th July 2021

Camera-ready materials: 19th August 2021

Workshop date: 8th October 2021

All dates are Anywhere on Earth Time (UTC-12)

Papers Submission

Authors are invited to submit original contributions in English. All submissions will be peer reviewed by the technical program committee. The submission needs to be done via the PCS system: <https://new.precisionconference.com/ismar>.

Please use the template and follow the submission guidelines specified for ISMAR conference papers: <https://ismar21.org/conference-submission-guidelines/>

Contribution types:

Research, review or position papers: 4-6 pages excluding references

Demo / practical papers: 2-4 pages excluding references, plus a video of up to 5 minutes.

All the submissions will be reviewed by the members of the Program Committee. Accepted papers will be published in **ISMAR 2021 adjunct proceedings to appear in IEEE Xplore and to be indexed by Scopus**. For each accepted paper, at least one author must attend the workshop and present the paper.

Registration is subject to the terms and conditions of ISMAR.

Workshop Organizers

Please contact us at unai-workshop@ismar21.org



Associate Prof. **Maxim Bakaev**, PhD (bakaev@corp.nstu.ru)
Prof. **Olga Razumnikova**, Dr.-Hab. (razumnikova@corp.nstu.ru)

Novosibirsk State Technical University, Russia



Assistant Prof. **R. Elakkiya**, PhD (elakkiya@cse.sastra.edu)
Assoc. Prof. **S. Subramaniya Swam**, PhD (swamy@cse.sastra.edu)

SASTRA Deemed University, India