

Call for Papers
PRESENCE: Virtual and Augmented Reality
Special Issue on User Experience and Engagement

User Experience and Engagement in the Reality-Virtuality Continuum

Guest Editors: Tim Collins and Sandra Woolley



Call and Scope:

There are new and exciting opportunities for user experience and engagement across the reality-virtuality continuum of virtual-, augmented-, mixed-, mediated- and shared-reality. But the gaps between expectations and perceptions, the technology demands, and the increased information flow and degrees of freedom create unprecedented usability and user experience challenges. Solutions to these challenges will benefit from innovations in extended reality (XR) sensing and display technology, interface and system design; insights from behavioural studies and user experience evaluations; and from the development of new tools and techniques that support content creation, virtual presence, narrative and appeal, and engaging experiences amongst diverse cohorts of users.

Topics: In this special issue, we aim to present exciting innovations and showcase new research in user experience and engagement across the reality-virtuality continuum. The scope of the special issue includes, but is not limited to, the following topics:

- Usability and user experience studies in the R-V continuum.
- Design for playful engagement.
- Gamification and immersive reality gaming
- Mobile and pervasive interaction.
- Engagement in augmented, virtual and mixed reality environments.
- Human-computer interaction in the R-V continuum
- Technology advances for enhanced user experience.
- Co-creation and participatory user design.
- Engaging narratives and shared experiences.
- Mobile and pervasive gaming in virtual and augmented reality.
- Advances in visualization techniques.
- Virtual storytelling.
- Portals and innovative reality interfaces.

- Digital live performances.
- Education and citizen science in the R-V continuum.

Important Dates:

Paper submission deadline ~~26-04-2021~~ 26-05-2021

Author notification 25-06-2021

Revised papers submission 25-08-2021

Final acceptance 25-10-2021

Submitted manuscripts should conform to the journal's submission guidelines, available at the MIT Press website <https://www.mitpressjournals.org/journals/pres/sub>

Guest Editors:

[Dr Tim Collins](#), School of Engineering
Manchester Metropolitan University, Manchester, UK
t.collins@mmu.ac.uk

[Dr Sandra Woolley](#), School of Computing and Mathematics
Keele University, Staffordshire, UK
s.i.woolley@keele.ac.uk