

Different Levels of Mixed Reality: Mixed Reality as a Tool to Change the Visitor's Experience in the Museum

Authors : Hector Valverde Martínez

Abstract : In this text, the application possibilities of developments in MR are explored as an element within the museographic space that affects the visitor-museum relationship to satisfy the needs of knowledge and recreation that visitors have to improve the experience. The emphasis points out the way in which it is thinking from the digital to understand the possibilities in the design of museum experiences, and are analyzed the strategies used inside and outside the museum space are exemplified from the use of MR and their impact on the visitors' experience to reach different levels of depth of knowledge in an exhibition; the exploration of limits in the creation of atmospheres that allow visitors to feel immersed in a completely different reality from the one they live to better understand the topics addressed in the exhibition, and strategies that are used to encourage museum audiences to actively participate and extend the experience of the museum beyond its walls.

Keywords : mixed realities, experience, visitor, museums

Conference Title : ICMMSCH 2022 : International Conference on Museology, Museum Studies and Cultural Heritage

Conference Location : Singapore, Singapore

Conference Dates : July 12-13, 2022