

Virtual tours and videogames to showcase the ATLAS experiment

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Showcasing the ATLAS detector and its enormous facilities to local audiences often proves difficult as it's difficult to convey the sheer size of the project. In a project together with the National Videogame Museum (NVM) in Sheffield, we have developed a virtual tour through ATLAS and the CERN site. It can be used in a web browser but is also available for use with google cardboard, a cheap but effective VR headset based on mobile phones. The virtual tour has been successfully used in a number of outreach events, and is also integrated into a workshop devised with the NVM that incorporates the physics of video games, particle physics and ask participants to design a CERN-related videogame. This contribution presents the developed tours and their implementation and gives an overview over its current use cases and received feedback.

Alternate track

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