Title and brief description

Keen-skin, an installation based on haptic sensation and neurological data

Type: Q – digital or visual media

2015

Year of

publication:

Number of 0

additional authors:

Additional Originality

Information: Humans haptic interaction relates to all aspects of touch and body

movement but also to the application of human senses to the digital interactive language. This involves not only sensation and perception, but also emotional response. Interpersonal touch is an undervalued aspect of human nature; the proposed installation aims to create an environment where the most profound communication channel for humans takes a renewed meaningful role. The work is based on the assumption that is touch that give our sense of being in the reality; the whole conception of

what exists outside us is based on the sense of touch.

Rigor

The project extends research undertaken into neuroscience applied to dynamic soundscape creations. The virtual environment was created through sounds generated by the electroencephalography data gathered during the user interaction. The original software is programmed used Max/MSP over OSC-router and the sound will be spatialized through a quadraphonic sound diffusion system.

Significance

The author of this installation exhibited this work in academic contexts where installations where open to a wider public: DHRA Digital Research in the Humanities and Arts (Dublin 2015), Strategies for Brainwave

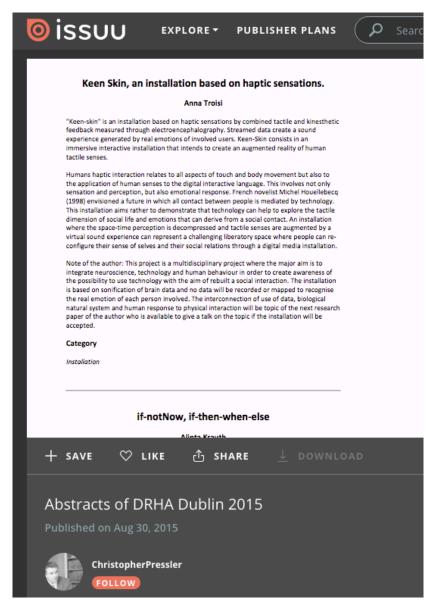
Interpretation in the Arts (Bournemouth 2015).

Interdisciplinary: Y

Keen skin - Portfolio (documents, dissemination, impact)

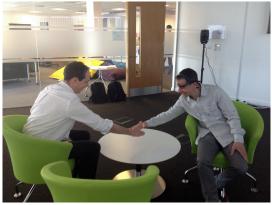






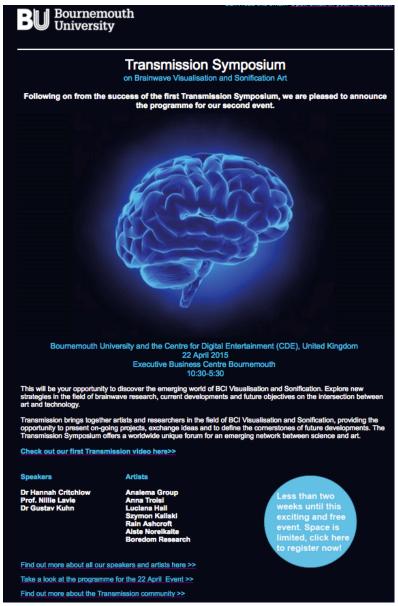
Troisi A., "keen-skin, an installation based on haptic sensation and neurologic data", DHRA Digital Research in the Humanities and Arts, Dublin City University 2015.

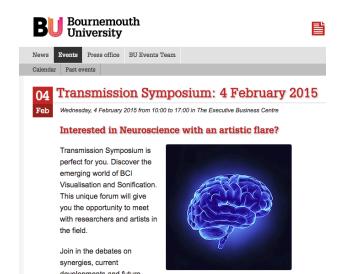






Troisi A., "keen-skin, an installation based on haptic sensation and neurologic data" to the Transmission Symposium http://transmission-symposium.org/, Strategies for Brainwave Interpretation in the Arts (22nd of April 2015 Bournemouth University, Executive Business Centre).





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