

## Loss & Gain

Assisting hearing, expanding listening

This is a sound installation which invites visitors to consider what it means to *hear*, and what it means to *listen*.

Visitors will experience immersive 3D sound environments presented over a bespoke 36-channel speaker array, explore technologies that allow them to experience how hearing impairment can affect the perception of such 3D soundscapes, how traditional hearing aids can potentially further impair this perception, and how the 3D audio technologies developed at De Montfort University could help to recover those spatial cues lost with the impairment and with the use of traditional hearing aid devices.

The installation features the sounds of water, and multicultural perspectives upon this, our vital element, from current Leicester residents who express memories of water in their native languages. Through it visitors are invited to connect with a deeper experience in which the body, surrounded by these sounds, might remember its most primal listening experience.

The installation is created by Lorenzo Picinali, Peter Batchelor and Ximena Alarcón. With the support of Alex Perron and the multichannel dome design by Ian Bilson and Andrew Foxwell

### ***Launch event***

**Date:** May 3<sup>rd</sup>, 2014

**Time:** 4pm

**Installation opening dates:** May 3<sup>rd</sup> – 17<sup>th</sup> 2014

**Opening times:** Weekdays 12-2pm and 5-9pm - Weekends 12-7pm

**Cost:** Free

**Note:** There will be specialist talks and concerts during the weeks that the installation is open.

### **Venue Details:**

The Cube

Phoenix Cinema and Art Centre

4 Midland Street, Leicester, LE1 1TG

