

## Garden HELSINKI/ESPOO

### remote/displaced

9.–13. Sept.

Äänen Lumo (Charm of Sound)  
quietSpeaker (Andrea Mancianti and Roberto Fusco)  
Aalto University Department of Signal Processing and Acoustics  
Aalto University Department of Media

**remote/displaced** allows for an immersive exploration of a virtualised physical space: Öljysäiliö 468, a vast, decommissioned and repurposed oil tank in East Helsinki.

Its acoustics are extremely peculiar due to its shape and materials, with long reverberation times, shimmering echoes and immersive radiating patterns. In addition, it is an almost magical site for a modern times sonic ritual, due to its appearances of a relic of fossil fuel culture, its position by the shore, and its nature, in-between a closed industrial space not meant for humans and a shell open to the surrounding land- and soundscapes, that constantly filter and reverberate in its open cavity.

The project takes the shape of a small collection of brief immersive audio-visual visits to this special remote place, exploring ways to listen to the encounter between sound, technology, space and landscape, as it emerges like a precarious ecosystem, where the boundaries between natural and artificial get constantly renegotiated and deformed by technology.

In-between physical and virtual space, the brass instruments, an array of recycled sonic devices, the light, the wind and the sea waves, filtering through the holes on the metallic reverberant surfaces, transform one another.

Conceived specifically to be accessible via Mozilla Hubs as 360 audio-visual experiences, the audience can use a wide array of technologies, from VR goggles to mobile phones or personal computers, both remotely and in situ during the festival.

# remote/displaced - credits

**Concept, composition and electronics:** Andrea Mancianti

**Visuals and 3D animation:** Roberto Fusco

**VR and Immersive Audio Production:** Sebastian Schlecht

**VR and Immersive Audio Engineer:** Nils Meyer-Kahlen

**Sound Engineer:** Thomas McKenzie

**Musicians:** Henriikka Teerikangas (horn), Inka Pärssinen (trumpet), Sauli Saarinen (trumpet), Max Silfverberg (trombone), Mikko Marttila (tuba).

**Production:** Äänen Lumo, quietSpeaker, Aalto University

**Supported by:** Kone Foundation, Taike (Arts Promotion Centre Finland) and The City of Helsinki

**Andrea Mancianti** (M.Mus. Composition and Music Technology, 2012, Conservatory of Florence, Cursus IRCAM, Paris, 2013-2014) is a composer, performer and instrument builder, devoted to experimental sonic arts. His artistic work includes music compositions, installations and mixed media performances. Currently he is a PhD candidate in the department of Media, of Aalto University, Helsinki, researching sonic-based immersive experiences.

[www.andreamancianti.com](http://www.andreamancianti.com)

**Roberto Fusco** (M.Phil. Music and Media Technology, D. Sc. (Technology), ITA/FI, b. 1980, is an Italian media artist based in Helsinki. He works with time-based digital and physical media, resulting in multichannel audiovisual installations and interactive multimedia works with kinetic sculptural elements.

[www.robertofusco.net](http://www.robertofusco.net)

**Sebastian J. Schlecht** is Professor of Practice for Sound in Virtual Reality at the Aalto University, Finland - position shared between the Aalto Media Lab and the Aalto Acoustics Lab. His research interests include spatial audio processing with an emphasis on artificial reverberation, localization, panning, and 6-degrees-of-freedom virtual and mixed reality applications. In particular, his research efforts have been directed towards the intersection of mathematical filter design, efficient algorithms, perceptual aspects, and sound design.

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**Äänen Lumo (Charm of Sound)** is an artist-run association from Helsinki, formed in 1995 to promote the Sonic Arts in Finland. In his 20 years od activity, Äänen Lumo has organised more than 300 events, including concerts, workshops and internet-, film- and gallery-based projects. Its focus is strongly directed towards establishing inclusive, pluralistic and experimental practices within the field.

[www.aanenlumo.com](http://www.aanenlumo.com)

**quietSpeaker** ([Andrea Mancianti](#) and [Roberto Fusco](#)) is a Helsinki based duo producing audio visual concerts and synaesthetic experiences. Together they explore the relationship between sound and images, their perceptual integration in time and space and intertwined choreography as one medium. Starting from concrete sounds and images, quietSpeaker constructs audiovisual narratives and reshape spaces using multi projections and custom objects.

[www.quietspeaker.net](http://www.quietspeaker.net)

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Aalto University

QUIETSPEAKER

  
KONE FOUNDATION

**Helsinki**

  
Taiteen edistämiskeskus  
Centret för konstfrämjande  
Arts Promotion Centre Finland

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