

<b>Title and brief description</b>	The Hyperdrone #1 and #2, two sound pieces for seismic data and Supercollider
<b>Type:</b>	J – composition
<b>URL</b>	<a href="https://soundcloud.com/anna-troisi-651102584/hyperdrone">https://soundcloud.com/anna-troisi-651102584/hyperdrone</a> <a href="https://vimeo.com/135457991">https://vimeo.com/135457991</a>
<b>Year of publication:</b>	2015-2020
<b>Number of additional authors:</b>	0
<b>Additional Information:</b>	<p>Originality</p> <p>The soundscape “Hyperdrone #1” is a soundscape commissioned by Office of Experiments while “Hyperdrone #2” was composed for the Theremin Centenary Concert and performed by Lydia Kavina. The use of the media is seen in the project as a positive model of action and carries a political significance due to the nature of the data utilised for the composition. The data was supplied by the Atomic Weapons Establishment Blacknest, Reading UK, which is part of the Comprehensive Test Ban Treaty Organisation (CTBTO), which monitors the ground for nuclear scale explosions. This data is now contributing to other systems, such as early warning earthquake and tsunami alerts data. This network was created for the purposes of maintaining peace through an International Treaty which bans nuclear weapons development and testing.</p> <p>Rigor</p> <p>The sonification aggregates data from a range of seismic stations. Data-gathering was a significant part of the research process, before it could be programmed into a soundscape first and a composition later. The audio is arranged to be played back at frequencies that generate resonance in the immediate environment, making objects and bodies vibrate and hum.</p> <p>Significance</p> <p>The soundscape “Hyperdrone #1” was executed in various galleries and academic conferences nationally and internationally such as “The Wysing Arts Centre” (Cambridge, 2015), The exhibition “9 events” curated by Neal White and Tine O’Connell at the Dyson Gallery, Royal College of Arts, (London 2016), The exhibition “Sites of Excavation and Construction” curated by Neal White at the gallery “Objectif Exhibitions” (Antwerp 2016). The composition “Hyperdrone #2” was performed for the Theremin Centenary Concert (w. Lydia Kavina) and the Loudspeaker Orchestra the 19<sup>th</sup> of February at St. Alfege Church, Greenwich, London.</p>
<b>Interdisciplinary:</b>	Y

# The Hyperdrone – Portfolio (documents, dissemination)



The Hyperdrone exhibited at the Wysing Arts Centre, Cambridge.  
Troisi, A., White, N. and Smith, R., 2015. Tuning the Hyperdrone. Wysing Arts Centre, Cambridge.



9 Events: On view at StudioRCA from today – Friday 25 March 2016 [ow.ly/ZfypK](http://ow.ly/ZfypK)



The Hyperdrone exhibited at the exhibition "9 Events" curated by Neal White and Tina O'Connell, Dyson Gallery, Royal College of Arts, London 2016



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Royal College of Art

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PUBLIC

## 9 Events at StudioRCA

10 March 2016 to 31 March 2016 | 9.30am - 5.30pm

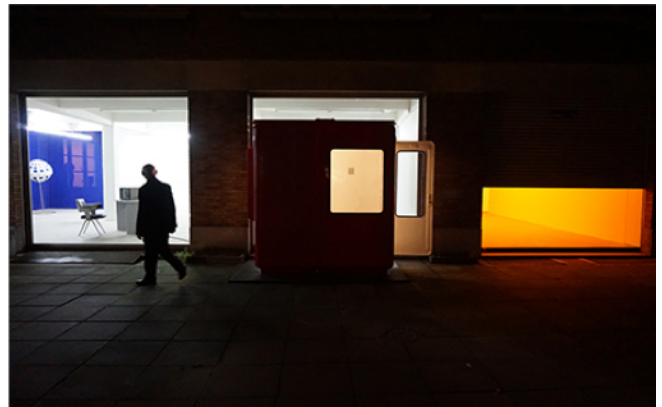
Open 12-5pm Saturdays. Closed Sundays

9 Event structures including films, experiments with Bitumen, found objects - articulated the artists concern with event and time as a factor of art-working - especially when considered in the context of media generated and geological thinking (slow time, deep time, reversal of time etc.). The work was made manifest from the waste of oil and diamond production and was accompanied by a soundscape created from Seismic Data (Office of Experiments with Neal White, Anna Troisi and Rob Smith).

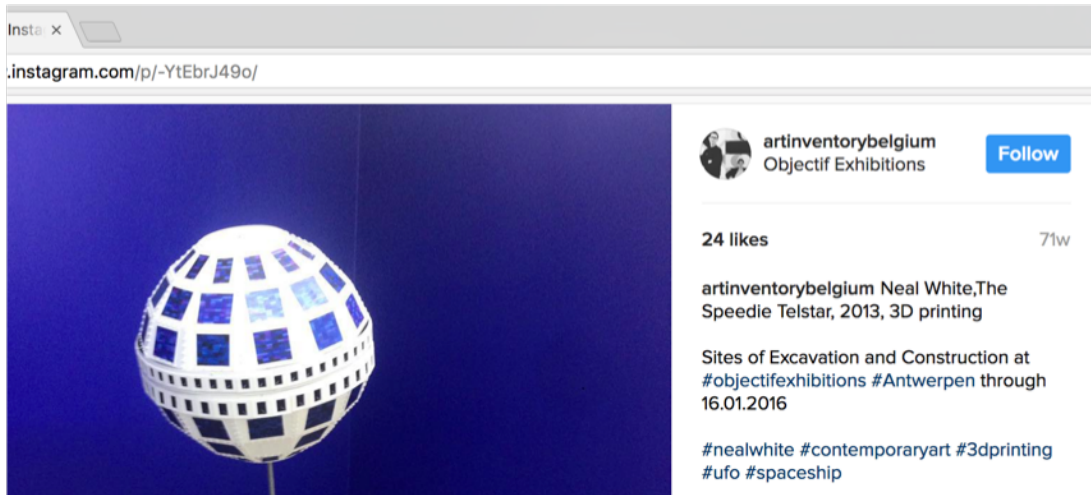
**Tina O'Connell and Neal White in association with Objectif Exhibitions, Antwerp**  
Tina O'Connell and Neal White present 9 Events, a series of experiments and observations, talks and films drawn from their on-going artistic interest in the raw resources that are a key index of wealth in a market based society - from oil to diamonds and gold. The work is made in the context of emerging ideas of environmental and geological change within the flood of unchecked global capital.

Through 2015/16, the School of Fine Art at the RCA invites collaborating curators and curatorial agencies to present projects at StudioRCA

The Hyperdrone exhibited at the exhibition "9 Events" curated by Neal White and Tina O'Connell, Dyson Gallery, Royal College of Arts, London 2016



The Hyperdrone exhibited at "Sites of Excavation and Construction", curated by Neal White and Tina O'Connell, Objectif Exhibitions, Antwerp, Belgium



Neal White, 'Sites of Excavation and Construction', exhibition view at Objectif Exhibitions, Antwerp, 2015. Photograph: Christine Clinckx

There are certain things that have made both Objectif and Extra City special, particularly a close attention to the needs of artists. That's something that we don't want to lose, so we'll be very careful in that regard, to not become a big institution that forgets its roots.

## OBJECTIF

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### Neal White *Sites of Excavation and Construction*

13 November 2015–16 January 2016



Neal White, *Sites of Excavation and Construction*, installation view, Objectif Exhibitions

For his first solo show in Belgium, British artist Neal White presents a range of recent and new work – some of them in collaboration with artist Tina O'Connell – that reflect his ongoing preoccupations with deep time and the spaces of art.

The Hyperdrone exhibited at "Sites of Excavation and Construction", curated by Neal White and Tina O'Connell, Objectif Exhibitions, Antwerp, Belgium

# Sound Design

(<https://blogs.gre.ac.uk/sounddesign/>)

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(<https://blogs.gre.ac.uk/sounddesign/2019/10/14/theremin-centenary-concert-w-lydia-kavina-loudspeaker-orchestra-concert/>)

## Theremin Centenary Concert (w. Lydia Kavina) – Loudspeaker Orchestra Concert

Posted on 14th October 2019 (<https://blogs.gre.ac.uk/sounddesign/2019/10/14/theremin-centenary-concert-w-lydia-kavina-loudspeaker-orchestra-concert/>) by ha14 (<https://blogs.gre.ac.uk/sounddesign/author/ha14/>).

**Date:** Wednesday 19th February 2020

**Time:** 7pm – 10pm

**Location: St. Alfege Church, Greenwich, London**

**Tickets: £5 or offer £30 for 7 Concerts in the Loudspeaker Concert Series**

**Tickets available at:** <https://www.eventbrite.co.uk/e/theremin-centenary-concert-loudspeaker-orchestra-concert-tickets-73451016969> (<https://www.eventbrite.co.uk/e/theremin-centenary-concert-loudspeaker-orchestra-concert-tickets-73451016969>).

Virtuoso Lydia Kavina leads a Theremin ensemble in a diverse programme celebrating the one hundredth anniversary of the invention of the Theremin.

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## **Theremin Centenary Concert – 19th February 2020**

Celebrating the 100th anniversary of this iconic electronic instrument, this concert featured new compositions and historically important works, showcasing the history of a century of theremin music.

— Concert Programme —

- Introduction – Lev Theremin & Ensemble
- Chase – Andrew Knight-Hill – [PREMIERE]
- The Swan – Camille Saint-Saëns Arr. Lydia Kavina
- Free Music 1 & 2 – Percy Grainger
- Rhythmicon Ensemble – Lydia Kavina
- Hyperdrone #2 – Anna Triosi – [LONDON PREMIERE]
- Mixing Radio – Lydia Kavina
- Theremin Breaks – Mishael Holdbrook [PREMIERE]
- Theremin Film Music – Bernard Herrmann, Danny Elfman, Howard Shaw
- Sirensapes – Nadine Schütz – [WORLD PREMIERE]

— The Performers —

–Theremin Ensemble –

Lev Theremin

Lydia Kavina

Charlie Draper

Terry Bowler

Greta Pistaceci

Alina Islamova

Susi O'Neill

Sam Enthoven

–Electronic Sound–

Mishael Holdbrook

Nadine Schutz

–Prepared Piano–

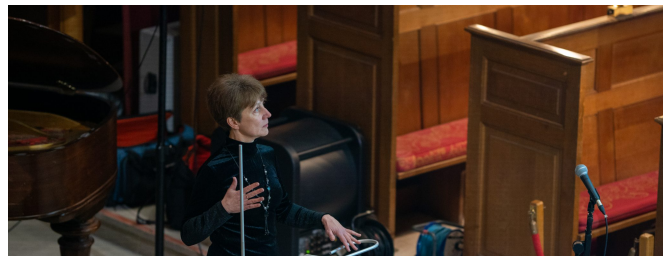
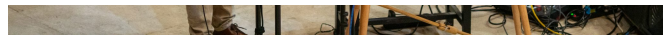
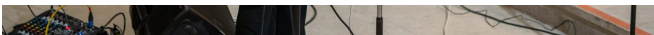
Anna Triosi

–Video & Sound Projection–

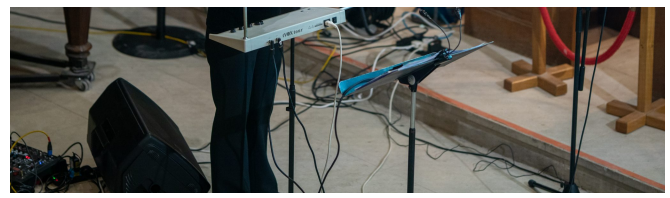
Andrew Knight-Hill

Reid Dudley-Pearson









St Alfege Church – Theremin Centenary Concert – 19th Feb 2020

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[Lydia Kavina](http://www.lydiakavina.com/) (<http://www.lydiakavina.com/>) is one of the leading performing musicians on the theremin. She began studying the theremin at the age of 9 under the direction of Léon Theremin. Lydia's most notable recent works were solo performance in Danny Elfman's UK concert tour with BBC concert orchestra and London Concert orchestra (2013-2014), as well as the theremin solo in "The Little Mermaid", a ballet by Lera Auerbach, choreographed by John Neumeier, in Copenhagen New Opera House, Hamburger Staatsoper and Beijing Tianqiao Theater, (2005-2015). Lydia played for a number of film soundtracks including "Ed Wood" and "eXistetnZ" with music by Howard Shore and "The Machinist" by Roque Banos.

[The Loudspeaker Orchestra](https://blogs.gre.ac.uk/sound-image/) (<https://blogs.gre.ac.uk/sound-image/>) presents immersive acoustic experiences through programmed concerts of multichannel sound design, sonic art and electroacoustic music. Regular concerts, featuring work by international artists alongside students of Sound Design, take place in and around Greenwich.

**Further Concert Dates:** <http://bit.ly/2MnRdGf> (<http://bit.ly/2MnRdGf>)