

HEALTH / EDUCATION / INNOVATION / ART / CULTURE / SILENCE / NOISE / SCREAMING /
RITUALS / TRANCE / SUFISM / NEUROLOGY / PSYCHOLOGY / AESTHETICS / LANGUAGE
/ ACTIVISM / HEARING IMPAIRMENT / MOVEMENT / COMMUNICATION / SONIFICATION
/ GONG BATH / ANTHROPOLOGY / ANIMAL COMMUNICATION / PSYCHOACOUSTICS /
BRAINWAVE ENTRAINMENT / AUDIO DESIGN / NEUROFEEDBACK / BINAURAL BEATS /
AUDIO RESEARCH / SOUND THERAPY / ARCHITECTURE / ART HISTORY / NEUROSCIENCE



**At the
intersection
of sound, art
& science.**

We are investigating & demonstrating connections between sound, art & science, expanding thoughts & presenting ideas.

EUFONIA AIMS TO COMBINE MANY DIVERGENT FIELDS THROUGH THE COMMON MEDIUM OF SOUND.

Eufonia is more than just auditory; it is a full multisensory experience, giving you a better understanding of the impact of sound by using a fresh, extensive and forward-thinking approach.

We are displaying how sound stimulates the brain and influences our consciousness, how it is accessible through touch and smell, as well as how it can speak visually whilst physically moving the body.

Our aim is to combine artists, scientists, psychologists, designers and researchers from all around the world who share the common medium of sound in order to explore the past, current and future uses of sound in diverging areas of people's daily lives. We will be asking crucial questions as well as providing key people, technology and institutions to answer them.

We're happy to be hosting Eufonia at ACUD MACHT NEU from November 1-3; with talks, workshops, panel discussions, Q&A sessions, installations, screenings and performances throughout the weekend. During the entire festival, you will delve deep into the topic of sound and its connection with art and science.

Welcome to the 2019 edition of Eufonia Festival | Sound, Art & Science. This is the first edition of this interdisciplinary festival which lies at the intersection between sound and various other fields.

This Friday, 1st of November, is the opening of Eufonia; admission this day is free to the general public. We are kicking off the program with a performance from Takushi Minagawa followed by a talk from the director of the Institute for Artistic Research — !KF, Julian Klein, in ACUD's Studio space. We will be closing the day with exciting audiovisual shows from PSYKKE and Filippo Guida.

TALK

FRI 1.11

“Artistic Research” by Julian Klein [Institute for Artistic Research — !KF] | Artistic and scientific research are complementary to each other. Despite their different terminology and methodology, Julian explains how the two fields are necessary for what we can call “progress”.

PERFORMANCES

FRI 1.11

Takushi Minagawa | This soprano singer uses the first human instrument, his voice, along with a looper and effects to build up an immersive and ancestral performance.

Filippo Guida | Professional coder and limitless sound artist; his live coding raises questions about the very definition of partition or sheet music.

PSYKKE (lalume) | Sounding her own psyche, her audiovisual performance approaches song-forms with a unique modern touch.

PANEL TALKS, PRESENTATIONS & TALKS | SAT & SUN

A SOUND LESSON: EDUCATING THE MIND (EUFONIA X ABLETON)

Dennis de Santis [sound designer], Gosia Gajdemska [choreographer], Peter Sinclair [researcher] & Tomas Goucha [neuroscientist]

How can we expand the concept of education? What can sound do to improve it? This panel goes deep into both neurological and social effects of music education.

NEW ATLANTIS

Ludmila Postel [sound researcher]

New Atlantis is a multi-user online virtual universe dedicated to audio experimentation and practice. Ludmila will be talking about the history of this project and its future developments.

TOO MUCH NOISE!

DuChamp [chemist], Peter Kirn [Audiovisual Artist] bone.glue & Soil Troth [artists] & Maik Kuklinski [engineer]

An annoyance for some, an artform for others. Between all musical forms, noise is a shapeshifter; an enemy and a friend. Here we approach the science and art behind noise.

LANGUAGE COMPETENCE IN THE FREQUENCY DIMENSION

Alessandro Tavano [neuroscientist]

From the department of neuroscience at the Max Planck Institute for Empirical Aesthetics, Alessandro shows that it is possible to study linguistic competence by probing the brain with rhythmical stimuli.

SOUND FOR A CHANGE

Mirko Miceli [choreographer], Richard Scott [composer], Akka Miau [artist] & Mona Glass [curator]

What can art do to initiate a change? We invite artists, fighting to improve the global community, to spread their ideas and inspire action.

SUFISM

Funda Feride Gencaslan [curator]

With an introduction to Sufism, you learn how sound, movement and breathing connects the peaceful and mystical part of Islam to an everlasting tradition of dance.

AI MUSIC

Dadabots [developer]

After feeding their algorithm with acapellas from Nirvana songs, the very first sound was a perfectly emulated Kurt Cobain screaming: "Jeeesusuuus!!!!" Discover more on their neural networks that generate music.

DEAF RAVE

Troi Lee [artist]

Deaf Rave was born in the UK as a party "organized by deaf people, for deaf people". Its founder, Troi Lee, will join us at Eufonia for an inspiring talk on his experiences within the rave scene.

HEALING THROUGH SOUND

Roberta Perzolla [shamanic drumming], Jin Hyun Kim [systematic musicologist], John Groves [composer] & Steffen Günter [Planetary Cymatic Resonance]

There is a link between old rituals and contemporary techniques in healing. Here we provide an updated, effective interdisciplinary approach to the use of frequencies in the healing process.

SOUND BRANDING

John Groves [composer]

This british composer, known mainly for his memorable jingles and advertising songs, will be talking about his speciality: the use of sound and music in advertising and communication.

SHAPING CULTURE

Bilwa [artist], Edgardo Gomez [architect], Nausikaa El Meky [art historian] & Hugo Esquinca [archeoaoustics]

Sub-li-mi-nal. Discover how sound phenomena affects both the individual and the society, in a way that can be defined as cultural and evolutionary on both a micro and macro level.

ISOCHRONOUS ORGANIZATION OF ZEBRA

FINCH SONG RHYTHM

Philipp Norton [biologist]

During his PhD, Philipp studied rhythm in birdsong. In particular, he found a temporal regularity in the songs of zebra finches akin to the regular beat found in many musical cultures.

SILENCE

Juliana Hodkinson [composer], Nicolas Lorenzini [psychiatrist], Nicolas Endres, [neuroscientist] & Martine-Nicole Rojina [artist]

"Silence" is a rare situation in modern society that, though scary, is an important challenge. Explore how silence is a chance to get to know oneself better.

REMOTE LISTENING AND NEW AUDITORIUMS

Peter Sinclair [researcher]

This researcher displays findings from the Locus Sonus (ESA-Aix, AMU, CNRS, PRISM) sound lab, concerning ways of sharing audio spaces through emerging technologies.

MEMORY SONUS

Martine-Nicole Rojina [artist]

What sensory input would be necessary for remaining healthy and supporting a constructive environment for consciousness on long distant space travels? An immersive talk raising from sensory deprivation tanks.

NON-COCHLEAR MUSIC

Filippo Guida [artist]

Sound, as a sensation, can result from non-audible (non-cochlear) stimuli. Filippo explores how even music can be composed, entirely or partially, from non-cochlear stimuli.

2.11 & 3.11

SOUND AND/OR MUSIC

John Kameel Farah [pianist], Matthias Klenner [architect], Maya Shenfeld [artist], Phelan Kane [mastering engineer]

Is music necessarily sound? These panelists will raise questions on the nature of music and sound in modern times. Explore both similarities and differences between sound and music, alongside the parameters, structure, function and form of this symbiotic duo.

A PIECE OF (SOUND) ART

Doron Sadjá [artist], Gríscha Lichtenberger [artist], Josephine de Fijter [curator] & Felipe Vaz [artist]

This panel discussion contextualizes and justifies the existence of sound in the wider realm of art. Oscillating between philosophy, aesthetics, language and cognition, panelists share aspects of their own artistic research.

BODY SOUNDSCAPES

Gosia Gajdemska [choreographer]

In this session, dedicated to the subject of sound in choreographic practices, Gosia helps us explore the processes of hearing and listening; both to the body and through the body.

THE PHYSICALITY OF SOUND:

AN INTRODUCTION TO SENSING VIBRATIONS
Nadia Says [curator], Sarah King [acupuncture] & Flo Razoux [neuroscience]

In this entry-level interactive talk, we explore the presence of sound waves in our daily environment and their effects on the human body, by using audience participation.

WEATHER REPORT

Phelan Kane [artist]

Ableton Certified Trainer, Phelan, demonstrates the profound craft of 'data-music'. Weather Report is a sonification based on the temperature and wind speed of four cities, including Berlin.

CLUB NIGHT

SAT 2.11 | 23:00 - 5:00

CORNER KLUB X EUFONIA

Once the daytime galleries have closed on the Saturday, guests are welcomed into ACUD's Club space for a club night based around sound and musical exploration.

DJ CHINAMAN [DEAF RAVE]

Deaf Rave's founder, himself a deaf musician, is performing an old skool house and garage DJ set. Expect an energetic and smooth selection of groovy and bouncy tracks.

JOHNNY COUNCE & BRUKKER [ECKE RECORDS]

Opening the club night, this duo are performing a hybrid experimental live set. They traverse through various sonorities by using both live equipment and decks.

LIAR BIRD

This Marseille-based collective are performing an electro-acoustic club-driven live set; using electronic hardware instruments, percussion and wind instruments.

NIKITA [LIAR BIRD]

Part of the Liar Bird collective, this artist is delving deep into an intricate club selection. Using decks he will travel through diverse club-based rolling and pumping sounds.

TET [TANZ.T.RAUM MUSIC/ BLOOP]

This musician is closing the club night by progressing through a fine selection of hypnotic and broken tracks. Her choice of records and smooth mixing style between them is not to be missed.

XANTRAX [ECKE RECORDS]

This producer creates a journey through musical styles in his cross-genre club exploration by travelling through eras, tempos and frequencies whilst merging music from different universes.

FELIX NEUMANN [KATODIK]

Felix delivers a vivid visual show throughout the night. He uses live sound from the various acts to modulate the visuals he synthesises from hardware, in real-time.

INSTALLATIONS, EXPERIMENTS & PRODUCT SHOWCASE | FRI-SUN

CONNECTED SOUNDS

Max Joy

Ascend through ACUD's staircase in this multisensory installation that uses a combination of immersive sounds, odours and lights; allowing observers to refresh, stimulate and sharpen their senses throughout.

STATIONARY WAVES

Mathias Klenner & Emilio Marx

Using the proper resonant frequencies of spaces, these artists give a new architectural form to light and sound.

WATERBOWLS

Andrew Hockey

Both aesthetically and sonically based on meditative singing bowls, this instrument responds to proximity and capacitive touch data.

MIRKO MICELI [FILM]

A new way of approaching movie production for the visually impaired; Mirko's work places every listener on the same level, using binaural audio and additional techniques.

SUBPAC

The backpack that translates sound into kinetic energy, felt by the user. This tactile audio system is particularly exciting for the deaf community, giving them an immersive way to experience and feel sound.

PLAYTRONICA

Experience sound through touch. This collective play their musical composition on a number of fans so the music is felt instead of heard.

BRAIN STUDY

Julian Klein

Observe an acoustic model of the brain. An ensemble of "brain-players", whose electrical brain activity is measured via electrodes, is translated into sound.

UNDERWATER/UNSEEN

Ewa Majchrzak

Inspired by marine microorganisms, this interactive project consists of a library of audiovisual samples that the user can control.

WOMB

Debbie Chia

Her first sound project since being a mum, "Womb" reimagines the sonic environment of a fetus in utero: an immersive parallel to being alive but still unborn.

SPEAKER

Matthew Herbert

An Adam's T5V monitor wants to talk to you about itself. A new installation by Matthew Herbert exploring this specific speaker.

MUSICS

Atelier Francesco & Mahir Duman

Recorded on the Friday and Saturday of the festival, "Musics" is an audiovisual project exploring the localisation of the phenomenon we call music. This installation is displayed on Sunday.

THE HOFBOX

Edgardo Gomez

The HofBox separates sound from the space it is heard in. Once separated they can be mixed in a different manner to understand how they were initially related to each other.

DADABOTS

A clever algorithm that generates death metal 24/7, which works by using raw audio neural networks that can imitate bands.

NEW ATLANTIS

Unlike most online worlds where image is the primary concern, sound comes first in New Atlantis. Explore this new virtual universe.

INTERTRAX

Xantrax

This interactive musical composition constantly develops and evolves into unplanned directions, throughout the festival's duration. Delve, hands on, into the vast number of possible combinations and colours of sounds.

LAYER TAPE

Elliot Carey

A full analog installation that uses a tape machine in an unconventional yet interesting manner, to permanently and simultaneously record and playback happenings in the Intertrax staircase.

ALEXANDER TILLEGREEN & ALESSANDRO TAVANO [EXPERIMENT]

Take part in an experiment, conducted for the Max Planck Institute of Empirical Aesthetics, researching how the brain can experience phantom words.

ATELIER FRANCESCO [EXPERIMENT]

The experiment explores a defined characteristic of sound, its effect on the brain and our emotional and rational reaction to it.

FELIPE VAZ [EXPERIMENT]

This work delivers an extreme perceptual experience based on sensory deprivation, pink noise derived-sounds and Ganzfeld visuals.

GENERATIVE SOUND PATTERNS

Alessandro Romualdi & Stefano Tucci

A composition built by means of a genetic algorithm which goes through evolutionary processes, such as mutation and natural selection.

1.11 - 3.11

ABLETON: LEARNING MUSIC

A free tool to understand and learn the principle of music composition.

A SONIC PULSE [FILM]

Watch this short documentary about Deaf people's experience with electronic music, directed by Dorothy Allen Pickard. It takes a sensual, scientific and collective look at the subject.

LUDOPIUM

This hypnotic video game is all about music, geometry and flow. Ludopium is available at Eufonia for single or multiple players.

CAE SYSTEMS

Try out an acoustic camera. This hand-held device is built around a vast number of microphones which can be used to find the exact source of specific sounds.

PERFORMANCES

SAT 2.11 & SUN 3.11

JOHN KAMEEL FARAH [Neue Meister]

Witness a piano solo performance on the nature of sound and music by this renowned artist; entitled "Best Pianist" in Toronto's NOW Magazine.

JASON SNELL [Bombardier]

Observe pure sonification of Jason's own brain waves, in real-time.

PETER KIRN [Kotae Records]

Ahead of the launching of his new album, Peter Kirn's live show is a perfect mix of noise and tones.

BONE.GLUE & SOIL TROTH

A warm mix of hard sounds, effects and acoustic instruments; from Poland, with noise.

SHAMANIC DRUMMING W/ ROBERTA PERZOLLA

Feel the power of rhythm and repetition, from a certified master of Shamanic drumming.

SAMUEL ROHRER [Arjunamusic Records]

How many things can a drumset say? Samuel Rohrer knows and expresses this very well.

CLAUDIO PUNTIN [ECM Records]

A complicated experimental performance from a highly respected classical composer.

AKKAMIAU [female:pressure]

This sound performance presents a granulated message, and shares the stories of brave women.

GONGBATH BY FRIDA MÖHRES

Definitely, one of the most powerful instruments ever conceived; for your Sunday morning mediation.

ABLETON "LEARNING SYNTHS"

A free tool to understand and learn the principle of using synthesizers.

SONICTONIC

Experience a collection of immersive soundscapes. SonicTonic is an app that uses the latest auditory techniques which are individually created and combined to have a specific effect.

SENTIRE [EXPERIMENT]

Hearing and feeling are bound together in the Italian word sentire. This interdisciplinary project is a participatory performance that weaves these senses together using bracelets with sensors that connect movement to sound.

FILIPPO GUIDA PRESENTS: STIMULI

This work is a musical composition, where musical contents are split around acoustic, visual and tactile planes.

TATSUMI RYUSUI [Elmer Kussiac]

Finding their own comfortable space, Tatsumi's drones take you to another dimension.

DUCHAMP [Boring Machines]

Where noise becomes music: happy accidents and mixers in short-circuit.

DORON SADJA [12k]

Oscillating between sound and music in the perceived and the subconscious.

PHELAN KANE [Audio Engineering Society UK Section]

Ableton Certified Trainer, Phelan, demonstrates the profound craft of 'data-music'. Weather Report is a sonification based on the temperature and wind speed of four cities, including Berlin.

BILWA [Auris Records]

Cultural or non-cultural? Bilwa's approach to sound is far from being anthropocentric.

SUFI NIGHT BY SUFI ZENTRUM RABBANIYYA

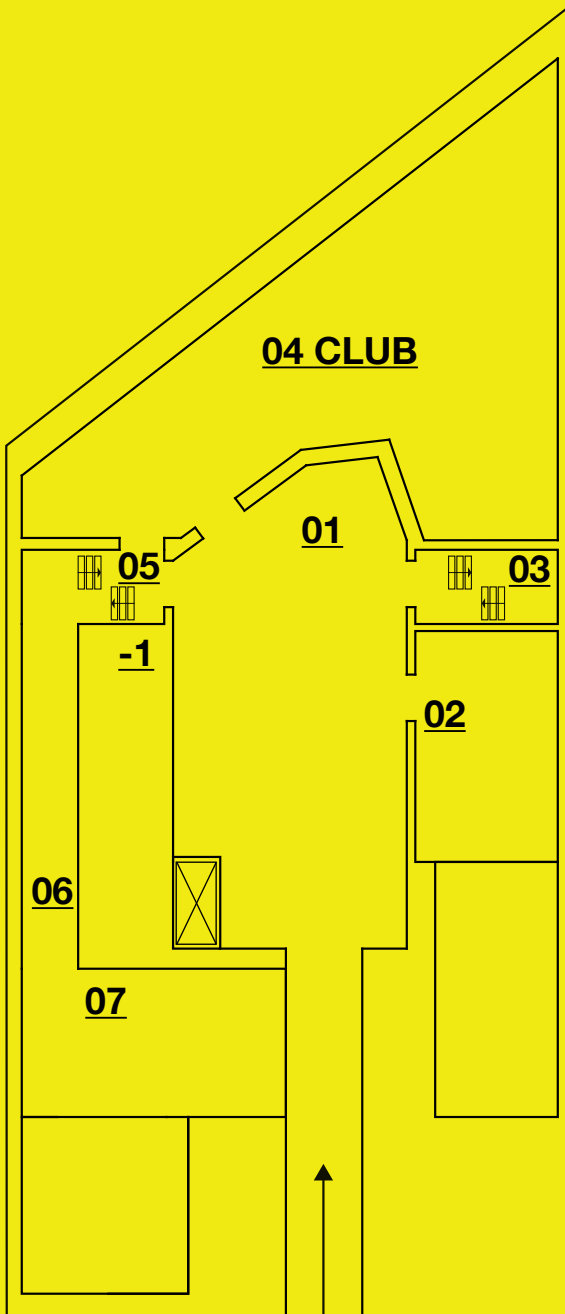
A hypnotic dance, an ancient ritual, a worship of sound and a way to Allah.

JOÃO AFOJUBÁ & FABIANO LIMA [Maracatu Afojubá]

Drumming from Recife, Brazil. Two admirable names are joining us for an evergreen performance of sound, beats and soul.

12		
13		
14		
15	Piano Tuning [silence required] {15:00 – 16:00}	Atelier Francesco: Silence {15:00 – 16:40} ^{IN}
16	The Physicality of Sound: an introduction to sensing vibrations {16:00 – 16:40} ^{PT}	
	John Farah {16:50 – 17:20} ^{PF}	Body Soundscapes {16:40 – 17:10} ^{I±}
17	Sound and/or Music {17:20 – 18:00} ^{PT}	New Atlantis {17:10 – 17:40} ^{I±}
		Brainwaves Sonification {17:40 – 18:20} ^{I±}
18	João Afojubá & Fabiano Lima {18:20 – 18:50} ^{PF}	Sentire Project {18:30 – 19:00} ^{I±}
19	A sound lesson: educating the mind Eufonia X Ableton {18:50 – 19:30} ^{PT}	Troi Lee - Deaf Rave {19:00 – 19:30} ^I
	bone.glue & Soil Troth {19:50 – 20:20} ^{PF}	Shamanic Drums {19:30 – 20:50} ^{PF}
20	Too much Noise {20:20 – 21:00} ^{PT}	
21	Sufism {21:20 – 22:30} ^{PF}	Stimuli {21:00 – 21:50} ^{PF}
22		Peter Kirn LIVE {22:00 – 22:40} ^{PF}

12	Intro to Meditation {12:00 – 12:20} ^I	
	Gong Bath {12:20 – 13:00} ^{PE}	
13	Healing Through Sound {13:10 – 13:50} ^{PT}	DuChamp {13:00 – 13:40} ^{PE}
		Isochronous Organization of Zebra Finch Song Rhythm {13:40 – 14:10} ^I
14	Screaming {14:10 – 14:30} ^{PE}	Language competence in the frequency dimension {14:10 – 14:40} ^{EX}
	Tatsumi Ryusui {14:40 – 15:10} ^{PE}	Sound Branding {14:40 – 15:10} ^I
15	Silence {15:10 – 15:50} ^{PT}	Claudio Puntin {15:20 – 16:00} ^{PE}
16	Doron Sadjja {16:10 – 16:40} ^{PE}	Remote Listening and New Auditoriums {16:00 – 16:30} ^{PC}
	A piece of Art {16:40 – 17:20} ^{PT}	Weather Report {16:30 – 17:00} ^{PE}
17		AI Music {17:10 – 17:30} ^I
	Bilwa {17:40 – 18:10} ^{PE}	Alexander Tillegreen & Alessandro Tavano Experiment {17:30 – 18:00} ^{EX}
18	Shaping culture {18:10 – 18:50} ^{PT}	MEemory sonUS {18:10 – 18:40} ^I
		Sensory Depravation {18:40 – 19:10} ^{EX}
19	Sound for a Change {19:10 – 19:50} ^{PT}	Samuel Rohrer {19:20 – 20:00} ^{PE}
	Akka Miau {19:50 – 20:40} ^{PE}	
20		
21		
22		



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ATELIER FRANCESCO [FR-SAT]
DADABOTS [SUN]

01

LUDOPIUM

02

ATELIER FRANCESCO [EXPERIMENT]
ANDREW HOCKEY: WATERBOWLS
ALESSANDRO ROMUALDI & STEFANO TUCCI: GENERATIVE SOUND PATTERNS
JULIAN KLEIN: BRAIN STUDY
SUBPAC
A SONIC PULSE [FILM]
MIRKO MICELI [FILM]
PLAYTRONICA

03

MAX JOY: CONNECTED SOUNDS

04

SONICTONIC
NEW ATLANTIS
EWA MAJCHRZAK: UNDERWATER/UN-SEEN

05

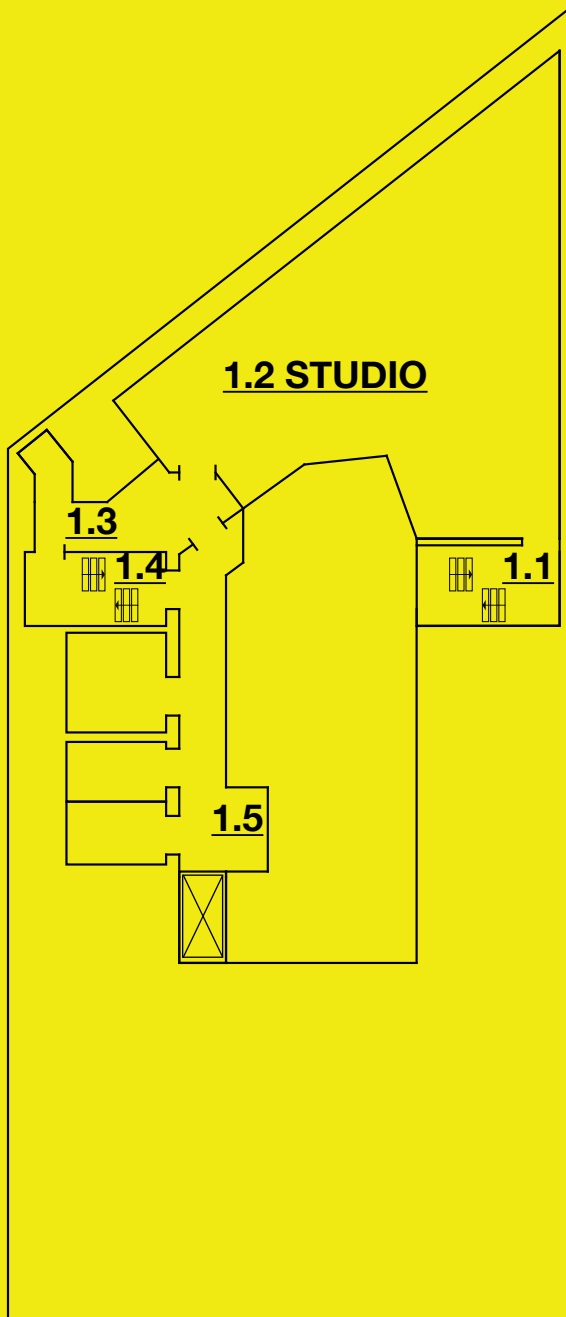
XANTRAX: INTERTRAX

06

DEBBIE CHIA: WOMB

07

MATHIAS KLENNER & EMILIO MARX:
STATIONARY WAVES [FR-SAT]
ATELIER FRANCESCO & MAHIR DUMAN:
MUSICS [SUN]



1.1

MAX JOY: CONNECTED SOUNDS

1.2

ABLETON: LEARNING SYNTHS

ABLETON: LEARNING MUSIC

CAE SYSTEMS

EDGARDO GOMEZ: THE HOFBOX

1.3

ELLIOT CAREY: LAYER TAPE

1.4

XANTRAX: INTERTRAX

1.5

MATTHEW HERBERT: SPEAKER

NEED MORE INFO?

Eufonia was born to educate; the expansion of our educational platform is ongoing. Eufonia is where curiosity becomes research, where silence becomes sound and where answers become new questions.

Sign up for our newsletter and we promise never to send you spam disguised as "content" - we value things that truly benefit you, your ears and your life.

Visit www.eufonia-festival.com to learn more about all of the panelists, artists and speakers involved.

If you have ideas or a desire to collaborate and change the way we all hear - get in touch with us at hello@eufonia-festival.com

EUFONIA

Sound / Art + Science



THANKS TO ALL OF OUR SPONSORS & PARTNERS FOR BELIEVING IN OUR SOUND VISION.