Alessandro Baticci

PORTFOLIO 2019

ABOUT

As a freelance flautist, composer and electroacoustic performer, Alessandro is active internationally in the field of contemporary music and sound art. Engagements have taken him to Japan, USA, Russia, Argentina, China and across Europe, performing in the most important venues and festivals such as **Lucerne Festival**, **Biennale di Venezia**, **Salzburger Festspiele**, Warsaw Autumn, **Wien Modern**, Wiener Festwochen, TransArt, IRCAM, **Centre Pompidou**, **Elbphilarmonie**, Wiener Musikverein, Wiener Konzerthaus, et al.

His dedication to contemporary music led him not only to cooperations with composers such as **Beat Furrer**, Tristan Murail, **Salvatore Sciarrino** and Brian Ferneyhough, but also to an intensive activity in the field of **sound installations**, performative art and **electroacoustic composition**.

Alessandro is also a researcher and enterpreneur, working mainly on developing **electro-acoustical musical instruments**, **digital control** and **mapping systems** for musical instruments as well as **sound solutions** for wind instruments and **Apps** for musicians.

ARTISTIC WORK

COMPOSITION

Composition studies with **Beat Furrer** and Karlheinz Essl at the University for Music and performing Arts in Graz and Vienna. Studies in Live-Electronics with Volkmar Klien and Wolfgang Musil. Various masterclasses with **Wolfgang Rihm**, Dieter Ammann, **Brian Ferneyhough**, Yan Robin, Mauro Lanza, Isabel Mundry, Manos Tsangaris and Vykintas Baltakas.

His work Night-Thoughts for string orchestra and live electronics was awarded the 2nd prize at the Ernst Krenek composition competition. His works were performed among others by by **JACK Quartet**, **Ensemble Modern**, Ensemble Phace, **Mivos Quartet** and Black Page Orchestra.

Recently he composes at four hands with polish composer and viola.player Rafal Zalech (read more here). His music focusses on the digital and analogical augmentation of acoustical instruments as well as polyrhytmical multi-layer extended techniques. Listen here to Nimikry - a double concerto, for amplified bass flute, digital viola and ensemble.

Since 2018 Alessandro is a **fellow** of the **Stiftung Deutsche Bank** in the program "Akademie Musiktheater heute". 2019 he participated at the **Lucerne Festival Composers Seminar**. Complete list of works here.

# INSTALLATIONS AND SOUND ART

In recent years Alessandro has dedicated himself to th field of sound art.
He has presented his works in various venues and galleries in Vienna.

His works focusses on the **acoustic property of material** and their exploitation,
using also mechanical and electronic devices, such as metal springs, DC-motors
and relais.

2015-2017 - studies at the **University for applied Arts in Vienna** in transmedia
art. Various collaborations with **video and multimedia artists** with a focus on the
phenomenology of sound and it´s social implications.
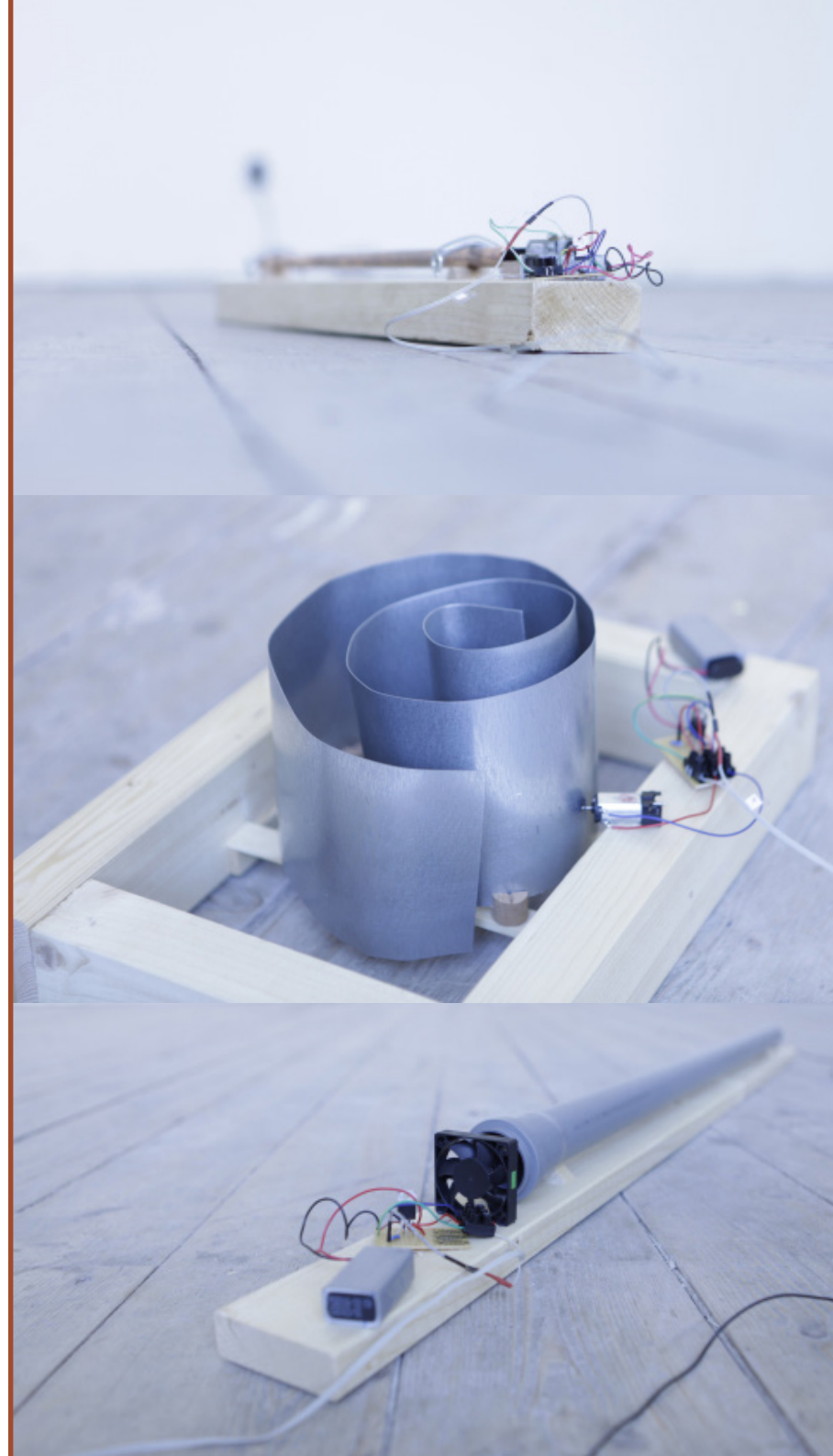
feed-back tube - sound instalation at Unsafe&Sounds Vienna
2016 - PVC, wood, metal, aplification

ENSEMBLE ACTIVITY

since 2017 collaborations with **Ensemble Schallfeld** - Graz

since 2014 Co-founder and member of **Ensemble Invasión**

2016 - G. Mahler - das Lied der Erde (chamber orchestra version) with Bernard Fink and Juan M. Miceli at Usina de l´Arte in Buenos Aires (read more here)

2017 - Foco Boulez at CETC Buenos Aires, performing Le Marteau sans Maitre, Sonatine for flute and piano, Memoriales, Derive I, et al. (read more here)

2019 - **Begehren** by Beat Furrer at Teatro Colon Buenos Aires

2014 - Founder and member of Black Page Orchestra
www.blackpageorchestra.org

2017 - performing K. Stockhausen´s Mikrophonie I on a submarine base on the Island Vis (watch here)

2016 - Performing F. Romitelli´s Professor Bad Trip (watch here)

2013-2017 Member of **Divertimento Ensemble** in Milan.

since 2013 - collaborations with **Klangforum Wien** and **Ensemble Phace.**

Regular concert activity in the most important venues and festivals as Elbphilarmonie, KKL Luzern, Musikverein, Konzerthaus Wien, IRCAM, Teatro Colón, Museo del 900´ Milano, in Festivals such as Warschauer Herbst, Salzburger Festspiele, Lucerne Festival, Wiener Festwochen, WienModern, TransArt, et al.

performing E. Rykova - 101% mind uploading

performing K. Stockhausen - Mikrophonie I

BLACK PAGE ORCHESTRA

Founded 2014 in Vienna, The Black Page Orchestra is an ensemble for **radical and uncompromising music** of current times. The name derives from Frank Zappa's composition the black page, a piece which score is due to the high density of notes and musical events nearly a black paper.

Beside this clear aesthetical approach the ensemble focuses on compositions using **electronics, video and different technologies** in an artistic context as well as pieces with performative character.

The ensemble performed in the major festivals for contemporary and experimental music Europe-wide.

Alessandro Baticci is one of the **founding members** and current **artistic supervisor** of this viennese experimental collective.

performing together with painter C. Sturmer and pianist M. Formenti

performing B. Muntendorf - Public Privacy, Flute Cover

NIMIKRY

Alessandro Baticci and polish viola-player and composer Rafal Zalech founded Nimikry in 2016.
Nimikry is an **experimental electro-acoustic duo** working with self-designed augmented instruments.

The duo present **multi-faceted performances**, involving different disciplines and combining them to a new format: from concert to live-jam, from generative environment to sound sculptures, from live-set to artistic remix.

It´s work combines **technological innovation** and **artistic research** on the highest level. Developping **digital mapping systems** as well as new **amplification methods** for acoustic instruments and using this technologies for new artistic solutions is the key element of this dynamic band.

Nimikry works **beyond established genres** and artistic criteria and sets itself off for complete new experiences, always looking for new adventures and new territories in art.
Arranging, **adapting** and **re-integrating** contemporary music, as well as classical masterpieces of the 20th-century to todays technological standards is also one of the goal of this dynamic duo.

performing with Nimikry in Moscow in 2018

CHAMBER MUSIC AND SOLO

Alessandro engages in chamber music activity and works internationally with artists such as, Barbara Moser, Adrien Boisseau, Camille Maerckx, Victor Julien-Laferriere, Pauli Jämsä, Alfonso Alberti (watch here).

In 2016 together with musicians from allover the world he performed a cycle of concerts around the music of Boulez (Foco Boulez) at the CETC of Teatro Colon in Buenos Aires.

In 2015 and 2016 he performed in two solo recitals the whole **Opera per flauto** by Salvatore Sciarrino at the Museo ´900 in Milan (watch here)

He has performed as soloist with the **Krakow Academy Chamber Orchestra** (listen here) and the **Orquesta Sinfónica de Mar del Plat**a.

performing P. Boulez - Le Marteau sans Maitre
Teatro Cólon - Buenos Aires, 2016

with Salvatore Sciarrino at *Museo del 9oo´*
Milan, 2015

ACADEMICS AND CURATING WORK

since 2015 - holding regularly workshops for instrumentalists and composers on topics such as **augmented instruments**, digital music instruments craft, **live-electronics** as well as **extended flute techniques** in contemporary music at Moscow Conservatory of Music, Beijing Central Conservatory, Istituto Superior del Artes del Teatro Colón - Buenos Aires, University for Music and performing Arts Vienna, Conservatorio G.Verdi and Scuola Civica in Milan.

2019 - Flute tutor at **IMPULS Academy** in Graz, Workshops on augmented instruments and flute&live-electronics

2016-2017 - Teacher and lecturer at the **Bobbio Composition Workshop**, organized by Divertimento Ensemble.

since 2014 - artistic assistant at **Unsafe&Sounds Festival**, curating many concerts for contemporary and experimental music

2015 curating a concert series at Musikraumgarage (musikraumgarage.at)
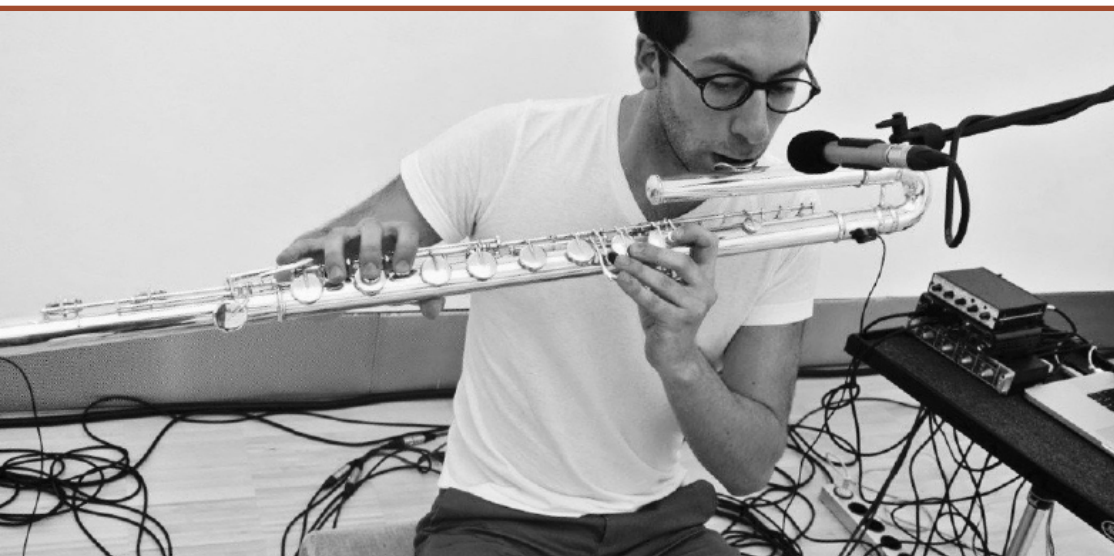
during a lecture on L´Opera per Flauto by S.Sciarrino

RESEARCH

AUGMENTED MUSICAL INSTRUMENTS

Since 2016 Alessandro engaged in various projects focussing on the topic of digitalization of musical instruments. Together with viola-player and composer Rafal Zalech, he founded *Nimikry Music OG*, a **start-up** devoted to the development of various **technologies for the digitalization** of musical instruments, as well as **controllers for live performances** and **mobile applications** for musicians.

One of the core activity of *Nimikry Music OG* is now the **development of an innovative mapping system for string instruments** featuring a ribbon-control-based membrane attached to the fingerboard of the instruments.

DIGITAIZE - DIGITAL STRING INSTRUMENTS

DigitAize is a **sensor-based digital mapping system** for string musical instruments. It has been developed The technology works using a special **resistive foil** attached to the fingerboard of the instrument.

The foil is a multi-layer construction consisting of a bottom layer with four (4) distinct conductive paths parallel to the strings and separated by a slightly thicker spacer. The top layer consists of a conductive membrane facing the bottom layer. The different layers of the foil are glued together to a single construction.

This innovative solution (patent application pending) Alessandro is active in each stage of the development of this instruments, combining knowledge in **CNC-machining**, computer-aided **3D design softwares** and graphic design (designing the final **control GUI**).
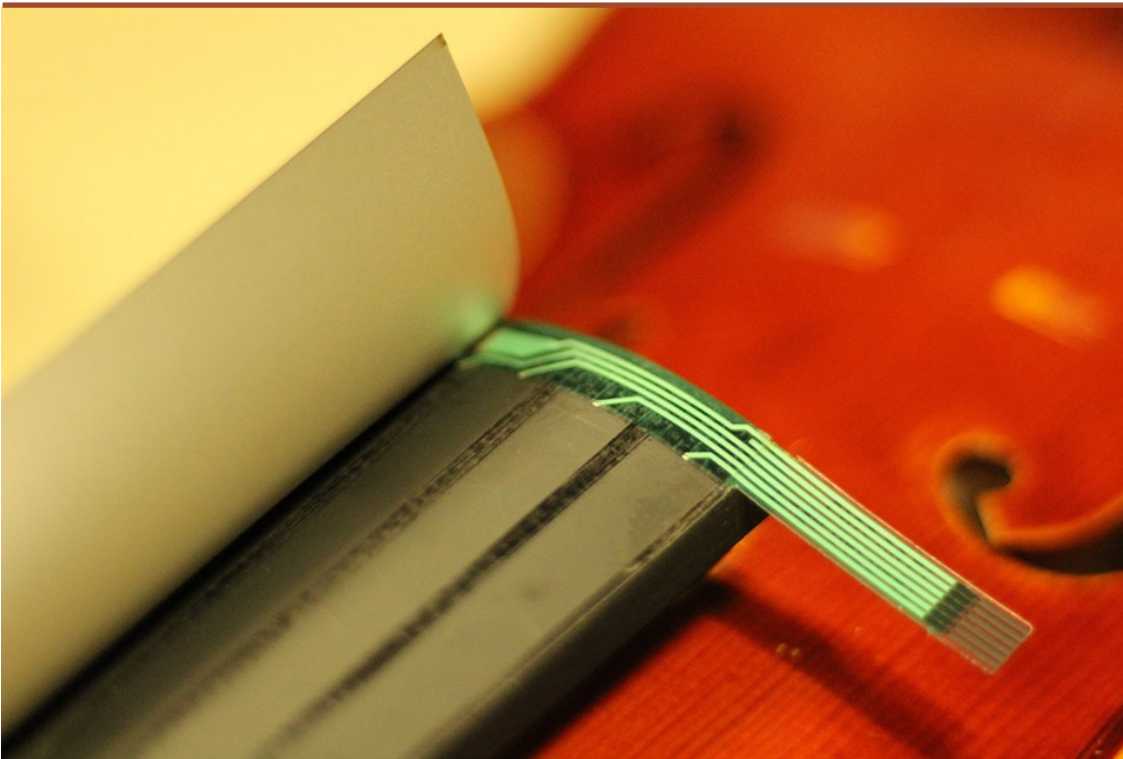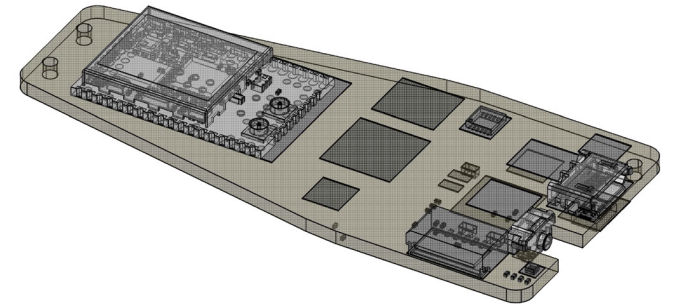
DIGITAL FLUTE

Alessandro worked together with Austrian flutemaker **Werner Tomasi** developing a new model of Böhm flute, integrated with a digital mapping system. The prototype features a narrow **printed electronics circuit** (PCB), connected to the mechanics of the flute, detecting key activity on the instrument via electric transmission. A **build-in microphone** and a **gyroscope/accelerometer** capture motion and sound signal.

The board sends data **wireless** using OSC protocol.
The collected data is then translated through a software module allowing to control virtual instruments or notate in real time (unsing MIDI protocol).
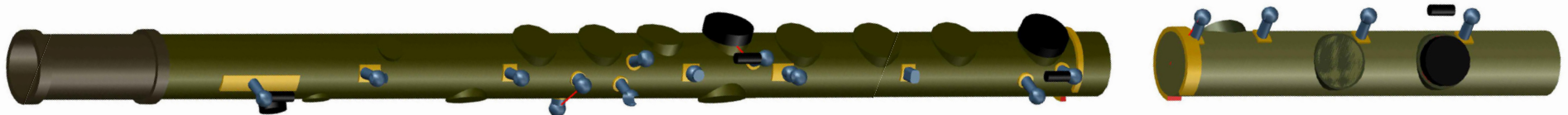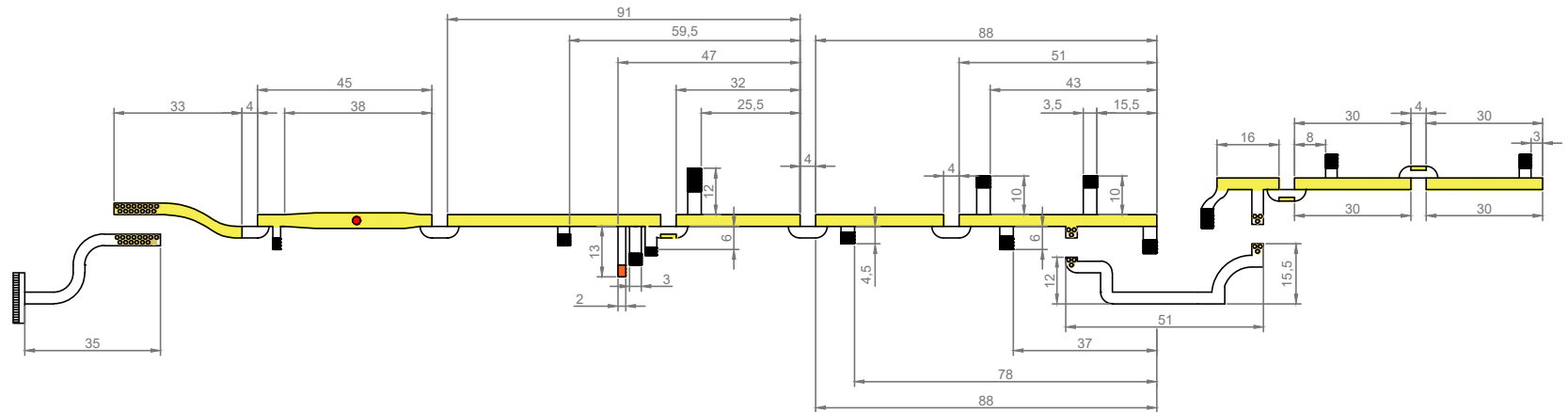
PROTOTYPING

This new technologies work in a non-invasive way, leaving the acoustic properties, as well as the mechanical constitution of the instrument unchanged. Alessandro realized already **many functioning prototypes**, giving him an **unique experience** and insight into the possiblities of expanding acoustic instruments using technology.

Combining a profound **knowledge in acoustics**, **mechanics** as well as **electronics** gives him the possibility to evaluate and judge development issues and solve problems in a constructive way.
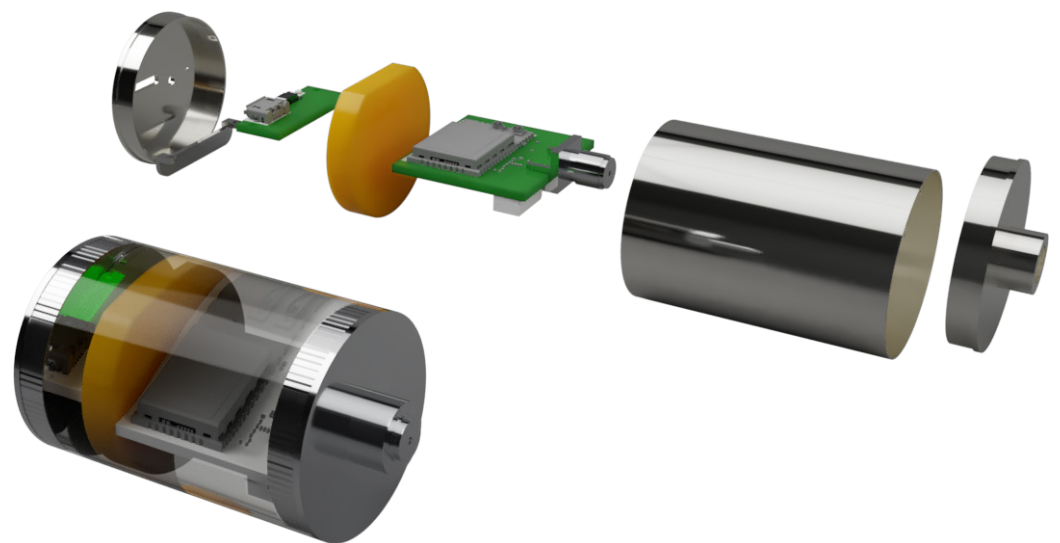
AMPLIFICATION

Since 2015 Alessandro is experimenting with **unconventional amplification methods** on wind instruments. Starting point for this research was a creative need to expand the expressive potential of the flute. Currently his sets include a variety of different methods of amplifying low flutes, such as bass flute or doublebass flute.

Using **multiple** waterproof **miniature microphones** placed at different points inside the tube of the instrument, the inner world of the flute is being amplified.

Using the **digital mapping system** at the same time it is possible to control phase shifts as well as loudness of the microphones at any time. This gives an unique control over the amplified sound.

Alessandro endorsed and worked on the development and improvement of **an innovative amplification solution** for flute - TMI-Cork - consisting of a new pick-up solution build inside the head-joint of the flute.
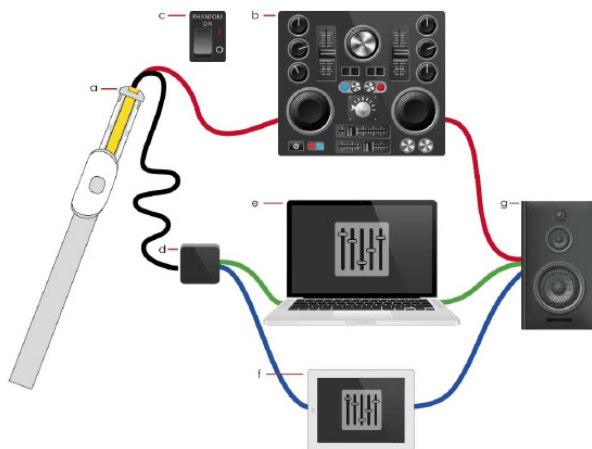
SOFTWARE AND APP DEVELOPMENT

Alessandro is currently designing and developing various **mobile applications** as well as **computer softwares** for musicians. One of the key possibilities of the digital mapping system DigitAize is it´s possibility to allow the connectivity with various platforms.
Through the software DigitAize Connect f.e. user can **connect** the instrument to **standard audio workstations**.

Alessandro also conceived **Quaver** - a **crowd-funding platform** for musician which allows to monetize musical content such as own scores, arrangements, etudes, practice books and compositions and aims a deep integration with social media. The platform works similarly to Patreon, giving followers and supporters the possibility to reward you for your content, but is specifically restricted to musical content.

The application features a **score-like newsfeed** consisting of a collective **open-source score** build-up from short musical messages (called *Quavers*) posted by users through a simple musical notation mechanism. This application aims to establish a new form of copyright protection.
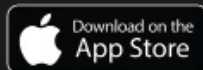
AUDITION ASSISTANT

In 2019 the team of Nimikry Music OG released **Audition Assistant - a new App for musicians**.

The App is designed as a compact practice tool for musicinas auditioning for a position in a classical orchestra. It consists of a **piano sampler** with the possibility to **change** playing **tempo and global tuning**. The library consists of concertos and orchestral excerpts, standartd repertoire of classical orchestra auditions. Professional pianists recorded the repertoire with a special attention for historic performance practice as well as high stylistic fidelity. The App also features a metronome and tuner, making it the perfect tool for practicing.

Audition Assistant was developed in **cross platform** using **JUCE** and is available for both Android and Apple Smartphones and Tablets. The piano accompainments were played by professional pianists and user can buy the content via in-app-purchase.

Alessandro was mainly responsible for the development of the GUI.
Click here for more informations about the project.

ARTISTS AND INSTITUTIONS

Jeunesses
Museo del ´900 Milano
Fondazione Prada
Biennale di Venezia

IMPULS Akademie, Graz
University for Music and Performing Art Vienna
Moscow State Tchaikovsky Conservatory
Darmstadt Ferienkurse
ISA Teatro Colón - Buenos Aires

Klangforum Wien
Ensemble Phace
JACK Quartet
Ensemble Modern
Divertimento Ensemble
Ensemble Schallfeld
Cantando Admont
Black Page Orchestra

Tempo Reale
Marino Formenti
Wolfgang Mitterer
Matthias Kranebitter
Eva Reiter
Jorge Sanchez Chiong

SUPPORT

CONTACT

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