

# 4.1 The sonic experience of experimental electronics

Bianca Ludewig<sup>1</sup>

## × ~~Abstract~~

Over the past couple of decades, urban transmedia festivals have gained a distinct presence in the European cultural landscape and beyond, constituting an alternative to other, more dominant, conceptions of music festivals. Based on multi-year fieldwork, I situate these festivals within scenes and communities of non-academic experimental music. There is still very little research on this type of music. Most research in this area is focusing on noise music so far. Yet there is a huge set of genres and practitioners that do not define their approach as noise music, but as sound art, improv, fringe music, post club – or as subgenres of techno, bass music etc. with the prefix experimental. I want to present conceptualizations of experimental electronic music styles, and modes of sound art on the edge of music. I work with genre-concepts and ideas of anti-genre to explain better the manifold expressions and origins of experimental music.

**Keywords:** experimental music, electronic music, noise, genre cultures, audio-social communities.

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## Main text

The context of this exploration on experimental electronic music practices is embedded in my PhD research on transmedia festivals, that intends to develop a conceptualization for this new form of festivals, to illustrate the artistic and musical practices, but also to investigate ambivalences within this special event format and comparing the experimental music practices with organizational structures and working conditions. My assumption is that the existing contradictions within the festivals, but also within their scenes, are closely related to processes of economization, which became visible above all in the urban and digital space (Ludewig, 2019). This article will focus exclusively on the sonic experience of experimental electronics.

For a better understanding, I will briefly outline what transmedia festivals are. The special feature of transmedia festivals is that music is interlinked with other arts, with media, technologies and discourse formats. The festivals curate performances, concerts, DJ sets, films, discussions, lectures, installations, art exhibitions, laboratories or workshops. They award prizes, offer residencies and commission art works. All these elements, formats and perspectives are interconnected and make these events what they are. I capture this approach with the term transmedia. Transmedia festivals are interdisciplinary music festivals or media art events with a music program. In Austria, for example, these are festivals like the *Heart of Noise* festival in Innsbruck, the *Unsafe and Sounds* festival in Vienna, the *Ars Electronica* in Linz or the *Elevate* Festival in Graz. In Germany, the Berlin festivals *CTM* and *Berlin Atonal* are popular for this. But there are transmedia festivals in almost every country in Europe and beyond.

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<sup>1</sup>. University of Innsbruck, Austria. <http://bl.wiseup.de>. E-mail: [bianca.ludewig@wiseup.de](mailto:bianca.ludewig@wiseup.de)

Transmedia festivals are urban cultural events that are historically connected with art fairs and world exhibitions, in contrast to other music festivals. From the 1970s onwards, a cultural democratization took place and festivals increasingly became critical and alternative formats, so-called arts festivals, which wanted to break out of the cultural provinciality of the post-war period and dissolve the boundaries between high culture and pop culture. Other important lines of development include the academic and non-academic avant-gardes and later especially the rave culture of the 1990s. From the rave culture, experimental styles of electronic music developed in interaction with visual arts and media art. A common basis for the experiments was the computer as a new means of production in the arts, as well as other devices that produced sounds or images through electricity. The discovery of new media has historically always been accompanied and promoted by the artistic avant-gardes and their multi-layered experiments, which is why the historical avant-gardes are a central influence for electronic music and media art. For transmedia festivals the interconnection of image and sound, a tendency towards hybridization, and the exploration of the interface between music and art are especially relevant. The most common meta-genres used by listeners, artists, labels or festivals are electronic music and experimental music, which encompass danceable and non-danceable styles. The presented works and artists come from academic institutions and traditions, but most frequently from club- and subcultures.

## Audio-social communities

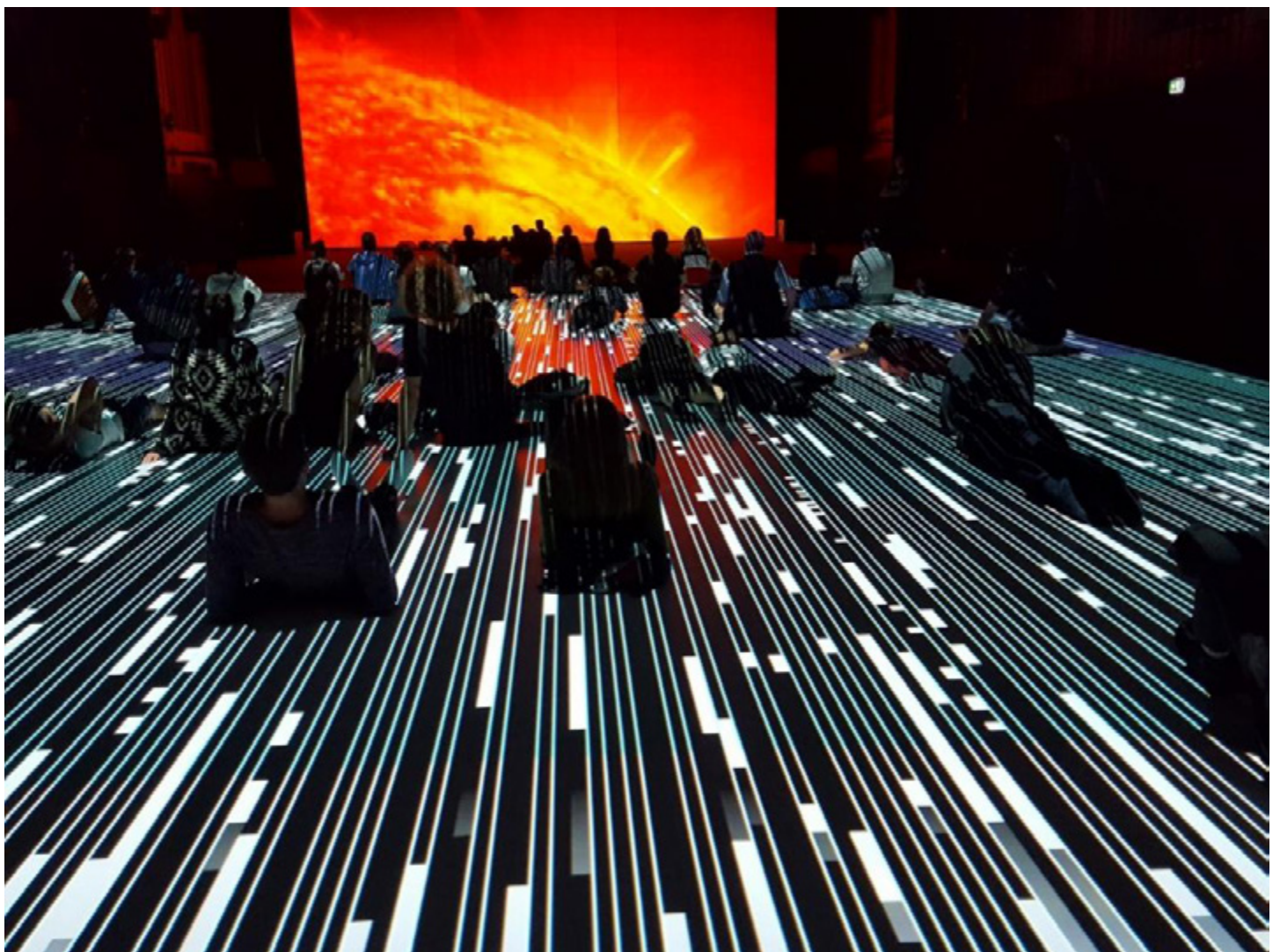
Regardless of how institutionalized the transmedia festivals are, they would not exist without the scenes and subcultures that come together at these festivals. Events and festivals have become increasingly important for social contacts and networks in an increasingly fragmented society. Also, transmedia festivals are populated by urban social groups, that are predominantly called scenes. But the established term scene is actually too vague and unspecific as it does not refer to music. Because of this I prefer to call them *audio-social communities*. It is an enhancement of Steve Goodman's idea of the audio-social, which the scholar and producer introduced 2005 in his text "Speed Tribes: Netwar, Affective Hacking and the Audio-Social". Goodman is concerned with *networked collective bodies* that form around speeds and musical atmospheres. Central to audio-social communities is Brian Eno's idea of the *scenius*, which emphasizes that innovations and important artistic and cultural innovations never come from single individuals, but are always based on collective engagement and intelligence, even if history constantly positions individuals in the spotlight. The concept of the audio-social is based on electronic music styles and its sonic impact on the human body (Wicke, 2008). Goodman sees the potential in the sonic materiality of music rather than in its social meaning. Audio-social communities form a network-like systems that are fundamental to the development of genres, discourses and artistic experiments, from which communality emerges. For Goodman, rhythm and tempo are the necessary, if abstract, gel that holds the collective together. Rhythm loosely glues the matrix of audio collectives together through the sharing of resonance and frequency. Central here is the body that is affected by the bass (base), which is why Paul Jasen (2016) talks in "Low End Theory" of sonic bodies. In terms of actor-network theory, audio-social communities include not only people, but also non-human actors – such as objects and machines, atmospheres, spaces or urban contexts. In Goodman's work, capitalism, neoliberalism, or for the UK Thatcherism, are an issue and included in his thoughts about the sonic power of music. Thus, neoliberal capitalism can also be considered as a primary trigger because the purpose of audio-social communities is the performance of an audio exorcism through which anxiety as a postmodern phenomenon can be tackled and coped with, by the means of rhythm, bass, speed, volume, vibrations, frequencies and atmospheres. Individuals come together for a *collectif drift* and create "intense dynamics of vortical audio collectivity" (Goodman, 2005, p. 154).

## The Meaning of Genre

I will now turn to the sonic power of music and the meanings that listeners find in it. I understand experimental electronics as a collective practice that is framed by ideas of genre and anti-genre. Genres are to be understood as open and multidimensional sound spaces, as a set of generative processes, rather than as a fixed structure (cf. Wicke 2003). A key work on genre was written in 1980 by film scholar Steve Neale. More recent texts on the subject come from Fabian Holt (2007), Jason Toynbee (2000) or Chris Atton (2011), who interpret genres as sets of conventions and expectations: Genres bind together an industry, performers,

critics and fans in making of a distinctive kind of music. These are dynamic processes based on negotiation, where musical and discursive practices intertwine: Through discursive negotiation processes, and specific artistic practices that are repeated, listeners not only claim a genre but manifest its existence. Fabian Holt had shown in his book on genre (2007) that niche musics run the risk of being overlooked, not documented, and forgotten without a genre discourse. Giving a music a name in the form of a genre means recognizing its existence and distinguishing it from other types of music. According to Holt the name enables certain forms of communication, control, and specialization into markets, canons, and discourses (Holt, 2007, p. 3). Genre definitions are always in flux and highlight frictions between parallel processes of subcultural, music-industrial and academic attempts of definition. Ultimately, genres are defined and interpreted by their community of listeners, they lay claim to genres, argues Jason Toynbee (2000, p. 103).

Festivals are a central place for genre discourse and negotiation. The genres negotiated by audio-social communities at the transmedia festivals foreground the impact of sound on the body through volumes, intensities, atmospheres and frequencies. The dominant meta-genres, sub-genres and micro-genres describe spaces of the in-between, positioned between music and non-music. Because of this, the idea of *anti-genre* is essential for experimental music. To explain the idea of anti-genre I will now turn to noise music, and later to sound art.



► Figure 4.1.1. - A/V-Installation Ryoji Ikeda "Micro Macro", developed during his residency period at CERN, Wiener Festwochen Vienna 2018

► Source: the author.

# The Anti-Genre Noise

*\*The track begins with a one-second blast of sound [...]. Filters sweep across the distorted sound field, rippling through a stream of harsh frequencies. [...] A new loop lurches into both channels at once, emitting a spitting chatter for two seconds and then submerging into a low hum. [...] Suddenly the Noise just ends leaving me suspended in the buzzing stillness. A final burst blasts [...], as if I've been unplugged from myself. But none of this really describes it at all: the overwhelming feeling of it, the shocking effect of the transitions between sounds, the shiver that runs up your spine when the Noise cuts out. It's been three minutes, forty seconds – or a decade of listening, depending on how you look at it [...] (Novak, 2013, p. 5)*

David Novak spent ten years in Japan and North America, researching for his noise music ethnography; and he describes in this quote the very intense physical experience of listening to a Merzbow track. Masami Akita or Akita Masami aka Merzbow is considered as one of the most popular representatives for the genre called japonoise. For his research Novak was also confronted with the question of genre, and he states:

**Noise became a genre through its antagonistic feedback with Music, which split its generic difference into two interrelated loops. The first loop inscribed Noise in total separation from Music and all of its distinctive categories. In the second, Noise was integrated into circulation in the form of recordings and eventually distinguished as a musical genre of its own.**

**(Novak, 2013, p. 118)**

In musical history almost every genre that was initially interpreted as experimental or avant-garde (of its time) uses the term noise for itself. This increases the confusion about noise as a genre and musical practice. Cedric Fermont and Dimitri Della Faille (2016, p. 16) therefore propose in their book "Not Your World Music. Noise in South-East Asia", that a musical work should only be called 'noise' if the artists, promoters, label managers or listeners themselves use the term. But what exactly is noise music? Noise music encompasses a number of genres with a long history "that parallels both music and sound art" (ibid.), according to the authors. The listeners of anti-genres have to invest a lot, because the first step is to develop an open listening practice. Therefore, Chris Atton (2011, p. 337) argues: "Noise music will not reveal itself after a cursory experience – dedication and commitment become essential listening tools". And David Novak (2008), calls this practice 'virtuosic listening'.

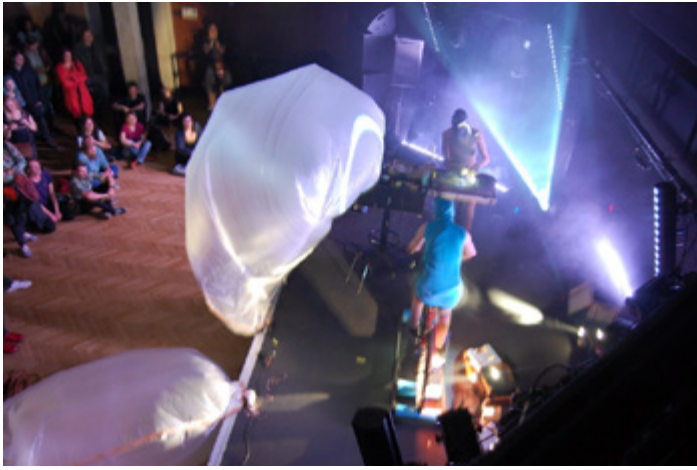
So, why is noise an anti-genre? Paul Hegarty was interested in the moment when noise becomes perceived as music, and he says: "What exactly noise is or, what it should do, alters through history, and this means that any account of noise is a history of disruptions and disturbances. [...] Noise constantly dissipates, what is judged noise at one point is music or meaning at another. [...] [N]oise must also be thought of as constantly failing – failing to stay noise, as it becomes familiar, or acceptable practice" (Hegarty, 2007, p. ix). Noise is interpreted by Hegarty, and other authors as well, as a metaphor in music history that expresses how the dark and undesirable in society is articulated in sound events, that are in the inception mostly seen as noise, and not as music. And Hegarty uses a slash between words Noise and Music (Noise/ Music) in his book title. Novak (2013, p. 138) thus concludes: "As a genre, Noise can be recognized as a part of Music and as a meaningful signal in itself". And he believes that noise as music shows, that listeners and musicians continue to have a longing for sounds that cannot be categorized.



► Figure 4.1.2. - Concert AJA (Ireland), Unsafe and Sounds Festival Vienna 2018  
► Source: the author.

Anthony Iles, editor of the anthology 'Noise & Capitalism' describes the practices of noise as zones of play, experimentation, and ritual that overlap with performance art, free improvisation, political theatre and non-Western musical traditions. He sees noise as part of a larger history of experimental music. Noise music also fans out into various sub-genres such as *power electronics*, *Japanoise*, *harsh noise*, *black noise*, *ambient noise*, *drone* or *noisegrind* (Fermont, 2016, p. 24-28). Live performances play a central role, as they create "intensely powerful sonic atmospheres" (Novak, 2013, p. 22). The general aim of the noise artists is to generate feedback. And feedback as a driving force reveals an energetic ambivalence that characterizes noise music. For this purpose, many artists build their own tools and equipment. Experiments with consumer devices and gadgets overlap with performance systems based in *circuit bending*, *overload*, and *distortion*. According to Novak (2013, p. 23) in this process, artists "bent the linear narratives of musical history into an unpredictable, self-reinforcing network". As such, he understands feedback as "circulation at the edge. [...] Edges are limits, and also shape-defining margins [...] things end, and begin, at this place [...]" (Novak, 2013, p. 19).

Cedrik Fermont emphasizes that the history of noise or experimental music has major gaps because it tends towards leaving out the achievements of many female and non-Western artists. In this regard noise music fails to be inclusive, similar to almost any other genre (Novak 2016, pp. 21-22); but simultaneously he understands the noise scenes as networks that potentially have the agency to criticize society, reorganize and change it. Noise is often performed and presented in art venues, and not only in music venues. And for Fermont, noise music belongs equally to the field of contemporary art: "Reflections by noise performers about sound design and compositions usually refer to the history of art and sound art practices" (Novak, 2016, p. 17).



► Figure 4.1.3. - Performance Hypercycle Collective, Heart of Noise Festival Innsbruck 2016  
 ► Source: the author.

## Sound Art and the Hybridized Listening Space

How we listen to music, how we produce it, and how it is distributed is undergoing serious changes in the present, says Michael Harenberg (2012). He emphasizes the far-reaching consequences of the medialization of sound, which increasingly appears in coexistence with other arts. According to Harenberg, these changes encompass structures and aesthetic concepts alike, “[...] until finally our traditional understanding of music is completely called into question” (Harenberg, 2012, p. 7).<sup>2</sup> Music is no longer exactly what it has always been, “but the result of complex, technical, mediated and symbolic interactions” (Harenberg, 2012, p. 10). Harenberg notes that current electronic music has established styles and genres “that once again focus more on open-ended experimentation and [...] are able to play virtuously with the new qualities of these new media technologies” (Harenberg, 2012, p. 15). These progressive styles of electronic sound production explore what Harenberg calls “the possibilities of the hybridized listening space” (Harenberg, 2012, p. 16). These hybrids of sound and music are presented at the events I call *transmedia festivals*. These works often blur the boundaries between music, media, and art. Jan Rohlf, one of the curators of the CTM Festival in Berlin, therefore speaks of “intermedia music culture” (Interview 2018). Harenberg (2012, p. 16) also states that every form of electronic music is also “media music”.

Affective, hypnotic, and immersive effects usually characterize the video works as well, which are presented together with musical works in formats

such as *Audio/Visual live performances*. While, as Rohlf explains (Rohlf 2020), in clubs VJ-ing proved over time to be too costly, and distracting the dancer from the music and situation, visuals did however find their place at transmedia festivals in recent years as part of *A/V concerts* and sound art. Sound art and media music provide potential experiences that are not available at other venues and music events.



► Figure 4.1.4. - A/V Installation Rainer Kohlberger, Berlin Atonal Festival 2015  
 ► Source: the author.

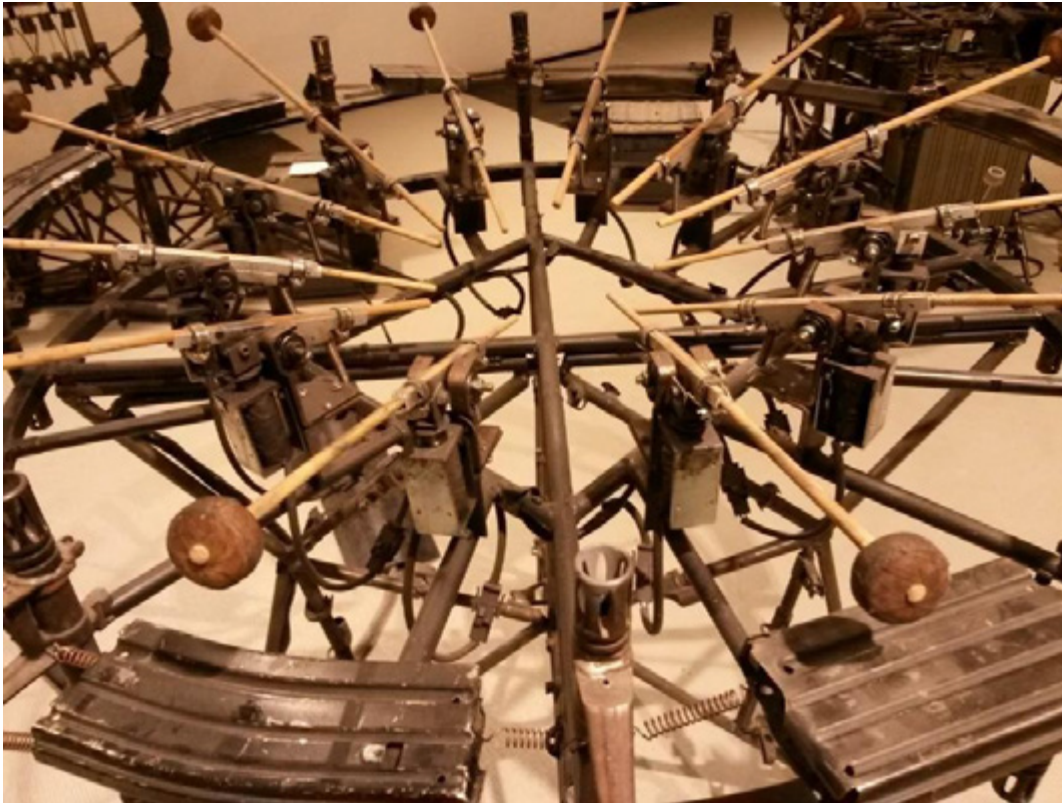


► Figure 4.1.5. - A/V Concert and Performance Pan Daijing, Berlin Atonal Festival 2017  
 ► Source: the author.

Sound art is a young art movement that is still in the process of development. Some authors see its beginnings in the late 1950s and early 1960s, when sound first tentatively entered the art context with *Fluxus*. Or when the Philips Pavilion at the 1958 World's Fair presented an installation with an estimated 450 loudspeakers, slides, and films. Early sound art and Fluxus artists cultivated happenings, and Andy Warhol mixed party with art. Hegarty (2007) also sees this phase as the origin of the first

2. All quotes of Michael Harenberg are translated from German to English by the author.

precursors of noise/ music. Sound art has many formats: Installations, objects, sculptures, performances, recordings, soundscapes, sound transmissions, or works for headphones – from which further combinations and variations emerge. What is at the center varies: sometimes it is the sound source, sometimes the process of production, or the activity of listening. Sound art often deals with our perception and cognition – (re) structuring or questioning our understanding of the situation. Many works operate on the borderlands of our perceptual capacity, creating a madness of the senses. Radio waves, short circuits, feedback loops, or algorithms can be the result, the process, or method of sound art. Some artists extend their works into the social or political space. A clear definition of sound art has not yet emerged; and is not considered desirable by most experts and artists alike. Instead, different modes of sound art can be identified.



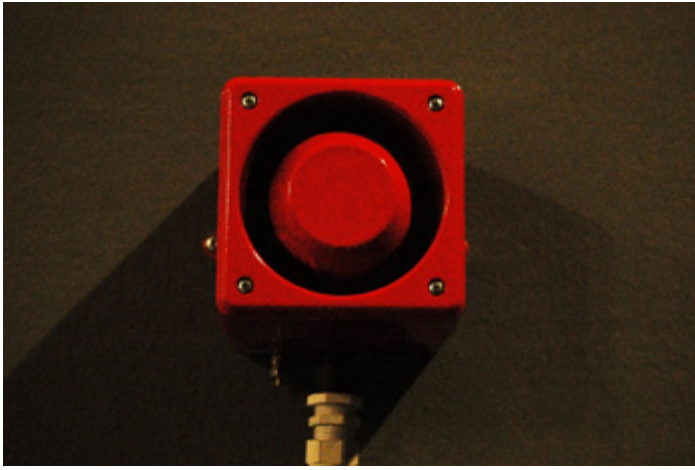
► Figure 4.1.6. - Sculpture Pedro Reyes “Disarm”: illegal firearms were used to fabricate musical instruments, CTM Festival Berlin 2016  
► Source: the author.

Researchers have repeatedly pointed out that experimental music and sound art go hand in hand with special forms of listening. As mentioned above, Novak (2013) called this “virtuosic listening”, scholar Joanna Demers (2013) “aesthetic listening”, and musician Pauline Oliveros (2005) propagated “deep listening”. In the listening process, liminal spaces of the intermediate can emerge, zones of connection that enable temporary utopian experiences and altered states.

## Is Experimental Music a Genre?

We can conclude that there is a close relationship between noise, sound art, and experimental music styles. But the question of whether or not experimental music is a genre cannot be answered, since it has its roots in both art and music. A vivid example of the dilemma is John Cage's piece “4'33”, which famously features no music, but sounds produced by the audience. But at the same time, it provokes a captivating listening experience. Blixa Bargeld of the band Einstürzende Neubauten comments: „Seen from a distance, all sounds are of equal value, but their meaning arises through the context in which they are placed. If you look at sounds in isolation, they become a question of taste, and taste is a dead end. [...] Today, almost every pop song uses sounds that would have been noise 40 years ago. So, John Cage was right: there is no difference between music and noise. When you stop trying to control the sound material, you open yourself up to new perspectives” (Soundhunters; Beryl Koltz, 2015).<sup>3</sup>

3. Blixa Bargelds quote is translated from German (voiceover) to English by the author.



► Figure 4.1.7. - Installation/Sculpture Mario de Vega "Shoud I Stay or Should I Go": The device/alarm is triggered once per day in the exhibition space by an algorithm, CTM Festival Berlin 2015  
 ► Source: the author.



► Figure 4.1.8. - A/V Installation & Performance, Braun Tube Jazzband, Ei Wada, Ars Electronica Festival Linz 2014  
 ► Source: the author.

Festival worker, curator, label operator, and musician Lucia Udvardyova likewise emphasizes that electronic-experimental music is mostly about hybrid works and strategies, which make the sound experimental (Interview 2017; 2015). And in fact, experimental music is used as a genre, by music labels, festivals, musicians, and listeners despite its resistance. Experimental music does not have to be electronic, but experimental music is historically strongly connected to electronic music. My research on transmedia festivals shows that there is no outside of genres – instead everything revolves around genre, regardless of whether genres are constructed, or boundaries are dissolved. Therefore Jason Toynbee (2000) uses the appropriate term *genre cultures*.

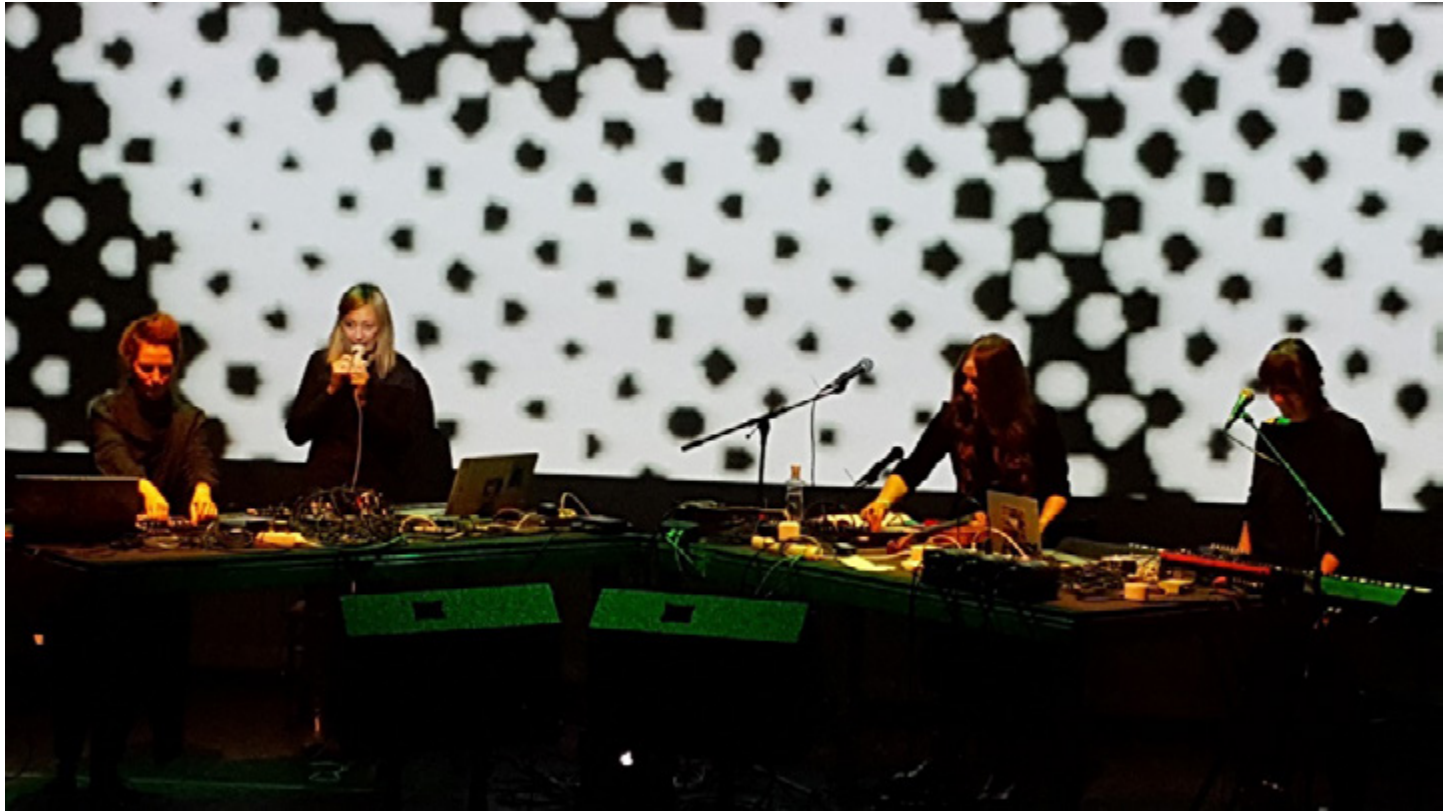
Experimental electronic music can be understood as an attitude of openness, transgression, questioning and discovery (Ludewig, 2018a). And in this sense, it can be interpreted as an open genre, similar to the anti-genres noise or modes of sound art. And in terms of method and practice, it can be and is applied to different modes and genres. Transmedia explorations between music, media, art, and performance are characteristic, moments of improvisation and catharsis are crucial. In fact, genres and anti-genres are not in opposition, they rather describe a bracket that brings disparate things together, because the common factor is ambiguity and the will to experiment.

## Transgressing the Limits of Sound

Subcultural anti-genres in particular show that experimental strategies do not have to be limited to aesthetics – be it music or art, instead they can be extended to organizational structures, distribution, or production. Listeners and artists of anti-genres such as noise or hardcore techno are trying to build and maintain decentralized and independent structures (Ludewig, 2018b). My research has shown that there is still a lot of uncharted experimental territory when it comes to organizational structures, gender and diversity (Ludewig, 2020) or working conditions at festivals or events. Because practices of sonic resilience and unruliness are often attempts to resist the commodification of communities and genres. For Novak noise has historically been a “hidden form of popular culture” (2013, p. 26). And hiding is perhaps appropriate, since music in an age of open access, crowd sourced information and participatory media is constantly in danger of being valorized, commercialized, and devalued. I consider attempts of audio-social communities to counteract processes of economization through own distribution structures or decentralized networks to be of great value, especially in times of platform capitalism. Despite a lack of political action transmedia festivals provide alternative artistic practices, traditions, and experiments. In addition to the potentials and possibilities provided by hybridized listening spaces, an intrinsic knowledge can emerge, that something can be done and thought differently. That there are alternatives to what is already known and done. It is not possible to determine what individual and societal impact will come from it, when, or where. Herein lies the potential of the spaces of possibility, which include the potential of the critical mass. And the possibility of future associations, collectives, networks, and unions beyond economic imperatives and capitalist competition.



To learn from noise and music affords us to listen to its sounds and praxis in the first place. In my conference presentation I played a lot of music snippets to illustrate my analysis. To understand better what these genres and anti-genres between music and non-music are about. I arranged and compiled two mixes, which I added to my mixcloud archive. I hope they are helpful and succeed in expanding this paper into the world of sound<sup>4</sup>:



► Figure 4.1.9. - A/V Concert Monika Werkstatt, UH Fest Budapest 2017  
► Source: the author.

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