

Call for Music, Installations and Workshops

Linux Audio Conference 2014

ZKM | IMA
Institute for Music and Acoustics,
Center for Art and Media
Karlsruhe, Germany
1–4 May 2014

The 2014 Linux Audio Conference will feature a number of concerts, installations, and workshops. We are looking for music and sound art that has been produced or composed entirely or mostly using Linux-based operating systems and invite submissions from any genre of music and sound art.

1 Submission and Review Process

1.1 When should I submit?

The deadline for all submissions is

Monday, January 27th, 2014 (23:59 HAST)

For physical submissions, this will be interpreted as the date of the postmark.

1.2 Where should I submit?

All submissions must be done via the OpenConf system at:

<http://lac.linuxaudio.org/2014/MusicSoundArtMisc/>

No email submissions, please!

All files should be submitted as a **single archive** in **.zip**, **.tar.gz** or **.tar.bz2** format. Files up to 20 MB can be submitted directly through the OpenConf system. If your archive is larger than that, please upload it to a server of your choice and specify its URL in the comment section of the online submission form. If you are using a filesharing platform to provide your materials, please make sure that:

- ...downloading the files is possible without having to register
- ...downloads are not restricted to e.g. “one file every two hours”
- ...anonymous downloads are not restricted to e.g. “52kbaud”
- ...the download links are permanent or at least valid until the end of the review period (i.e. February 24th, 2014)

Alternatively, you can send large files in physical form to the following address:

LAC 2014
ZKM | Institut für Musik und Akustik
Lorenzstrasse 19
D-76135 Karlsruhe
Germany, Europe

We suggest that you send all submission materials as electronic files on a single data CD or DVD. **No audio CDs, please!** Note that submission materials mailed to ZKM will not be returned.

1.3 What should I submit?

All submissions (music, art installations, workshops) should include the following:

Title, duration, program notes: max. 150 words, plain text, suitable for publication online and in printed program notes.

Short biography: max. 100 words, plain text, suitable for publication online and in printed program notes.

Tech rider specifying all technical requirements, in .pdf format.

Music and art installation submissions should also include the following materials:

SUBMISSION FORM: Please print, fill out and sign the last page of this document and attach it to your submission. If you choose to submit online, please scan the completed form.

Audio files are accepted in .wav or .aiff format at **44.1 kHz** and preferably 24 bit. The maximum number of audio channels depends on the respective submission category; please consult section 2 for details.

Stereo mixdown For multichannel works, an additional stereo mixdown is requested to facilitate the review process. This can be submitted in Ogg/Vorbis or another compressed format.

Video files, if applicable, in Ogg/Theora or another Linux-friendly format.

Score, if applicable, in .pdf format.

1.4 Selection Process and Performance Conditions

A jury will select the compositions, installations, and workshops to be included in the conference program according to artistic merit and technical feasibility. Please be prepared to perform your work yourself and make sure that you have all resources needed to perform your piece at your disposal (eg. instruments, props, other performers, etc.). Unfortunately, **LAC 2014 cannot pay a fee neither for you nor for any additional performers, and LAC 2014 cannot organize or pay for travel or accommodation neither of you nor of any additional performers.**

2 Submission Categories

2.1 Electroacoustic Music

The Linux Audio Conference will include concerts of electroacoustic music, which will take place at the **ZKM_Cube** (see section 3). Works submitted in this category are expected to be novel either as a sonic or musical experience, or by the composition techniques used, or by the way the sounds are generated and/or manipulated. These can be playback only (fixed media, optionally diffused live by the composer) or performed live, either purely electronically or in combination with traditional instruments or anything that makes sound.

We invite submissions in mono, stereo, quad, and octophonic formats, as well as submissions in higher order ambisonics, or up to 43 discrete channels in a hemispherical layout, or up to 60 virtual channels in a hemispherical layout, which will be mapped through VBAP onto the 43 physical channels.

2.2 Linux Sound Night

The Sound Night will take place in some part of the entrance hall of ZKM and it will be compatible with the traditional spirit of the Linux Sound Night, i.e. it will be more like a club-night and less formal than the concert hall performances. Submissions in this category should be suitable for live-performance on a standard stereo PA.

2.3 Art Installations

Art installations submitted to LAC 2014 will be exhibited in several smaller spaces of the music institute (see section 3). We are looking for works that include audio, video and/or other media.

The installations are presented (only) during the conference. There are going to be specific time slots during the day, where the installations can be visited (probably 2-3 hours per day). Please be aware, that you have to provide all materials, which your installation is composed of (hardware, software...), and that ZKM will not be liable for any damages or losses, which might occur during the conference. For that reason we strongly recommend that you are personally present at your installation during the opening hours.

2.4 The Morning Line

The Morning Line is an outdoor sound pavilion, located in front of the ZKM building (see section 3). LAC contributors are invited to submit multi-channel fixed-media pieces to be presented in The Morning Line during the conference.

The audio system has been devised by Prof. Tony Myatt and the Music Research Centre at the University of York. Myatt describes the system as follows: “The loudspeakers are arranged [...] around six ‘rooms’ or sound-fields. Each room has two sub-mid loudspeakers connected together in mono, providing 1 sub audio channel per room. In total there are 47 audio channels – 41 speaker channels and 6 sub channels (but 12 sub-mid loudspeakers). The diagram below 3 shows the original TML layout, as installed at Seville in 2008. This is the same design used for the ZKM installation, though some loudspeaker locations vary from those shown below in the final Karlsruhe version of the installation. Rooms 1 to 4 have the speakers arranged in a 3D surround soundfield.. Rooms 5 and 6 contain loudspeakers arranged in a 2D plane, facing out away from the sculpture. The latter creates two soundfields adjacent to the structure.”

Submissions in this category should be in stereo format. After acceptance we will get in contact with you to discuss the format with you. For final payout 47 channels are available. These can be addressed with a plain multi-channel audio-file (precise description of the speaker positions will be made available) or by using custom software developed by Prof. Tony Myatt.

2.5 Radio Miniatures

LAC 2014 continues the initiative which has been taken by LAC 2013. It will present a series of radio miniatures within the program of the **DEGEM Webradio @ ZKM** (<http://biblio.zkm.de/DegemWebradio>)

The radio program comprises six 2-hour slots, running in a loop for two months with the same program. In April and May 2014, two slots are reserved

for LAC submissions. For submission in this category, we invite mono and stereo pieces in 44.1 kHz sampling rate.

2.6 Workshops

Workshops at LAC come in different flavours:

- Familiarizing participants with your software package through a training session or hands-on demonstration.
- Requesting assistance from the community by telling participants about your project and what kind of assistance you are looking for.
- Learning from a group of developers, composers, or users how your application can be improved.
- Working with a group towards a specific goal, e.g., combining several pieces of software and hardware into a working system.

3 Venues

3.1 Cube

The ZKM_Cube is a ca. 260 sqm. performance space at the Institute for Music and Acoustics. It is the institute's concert hall as well as its main recording studio. It seats an audience of up to 150 people and it is used for performances of electroacoustic music. It features a 43-channel system of Meyersound speakers (UPJ, CQ, plus 4 subwoofers 700-HP on the ground. The speakers no. 20 and 23 are CQ currently and all the rest is UPJ, which differs slightly from the figure below).

3.2 The Sound Art Installation Space

Submitted installations are going to be presented in ateliers and small studios of the music institute and in the corridor leading to them (see the floor plans below and the respective markings in green colour). Please note that this is not the Media Museum of ZKM. Depending on the type of the submitted work there might also be the possibility to present it in the public space of the entrance hall.



Figure 1: The ZKM-Cube (© ZKM, photo: Bernhard Sturm).

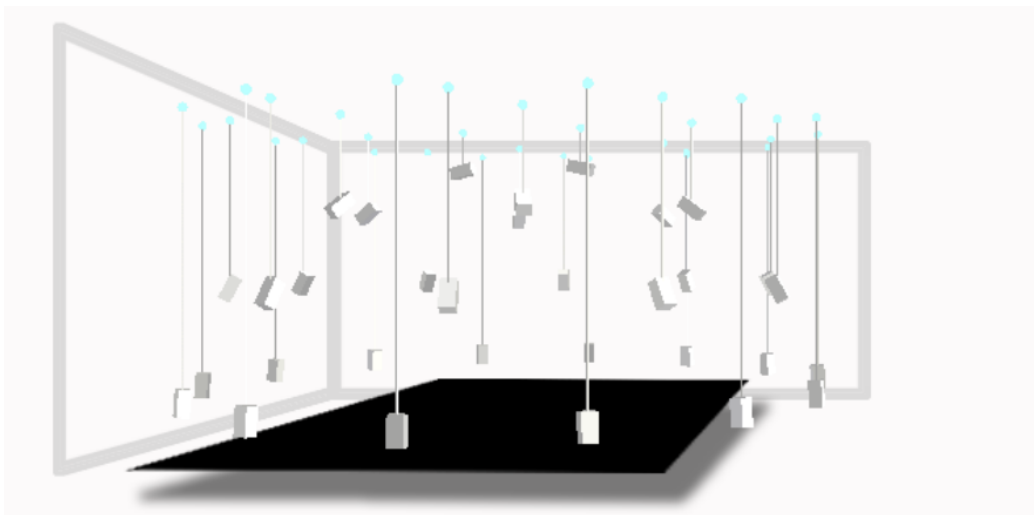


Figure 2: The ZKM.Sound Dome, speaker layout (© graphics: ZKM).

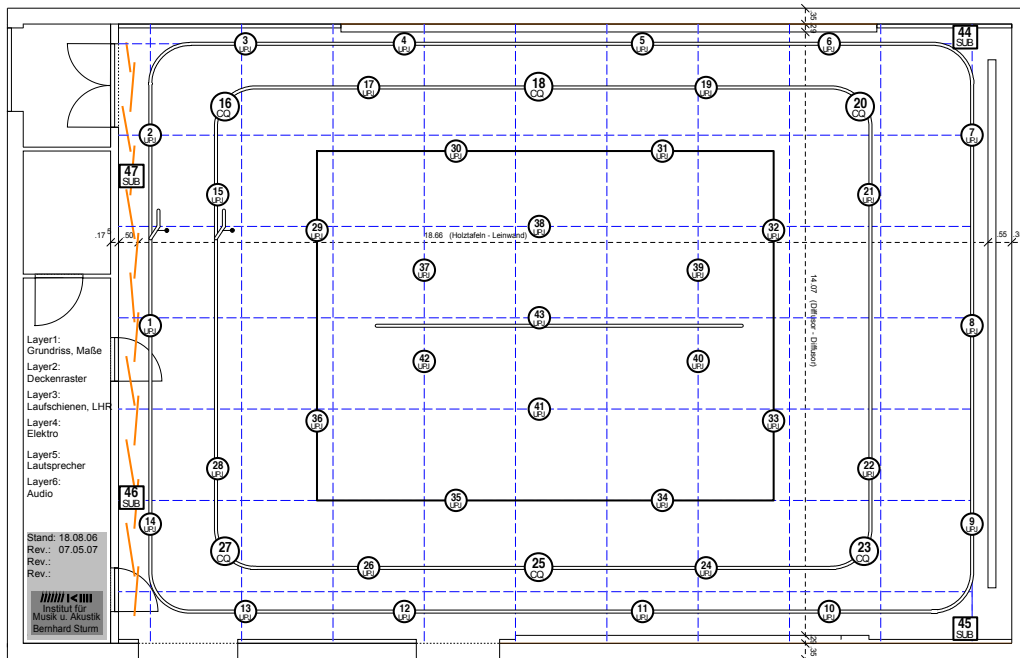


Figure 3: The ZKM Sound Dome, speaker layout (© ZKM, graphics: Bernhard Sturm).

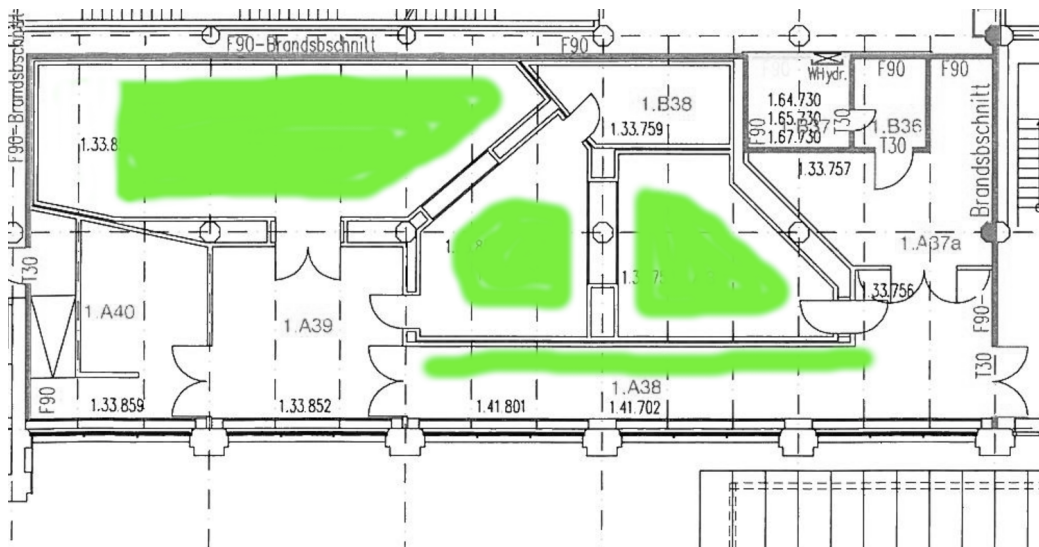


Figure 4: The Sound Installation Space – Kleine and Lange Studio (© graphics: ZKM).

3.3 The Morning Line

The Morning Line is a large outdoor mixed media art work, sculpture, pavilion, and audiovisual performance system by Matthew Ritchie, Aranda\Lasch



Figure 6: The Morning Line. The Sound Pavilion at the ZKM_Forecourt (© ZKM, photo: Uli Deck).

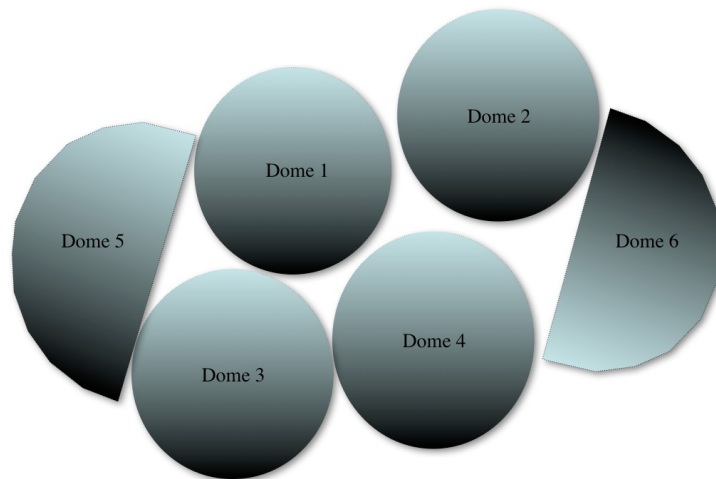


Figure 7: Layout of The Morning Line – simplified representation (© graphics: ZKM).

Linux Audio Conference 2014 Performances

Agreement to Conditions of Participation

I make the following art work available to the Linux Audio Conference (LAC 2014) organization team, to be presented during the Linux Audio Conference at the ZKM | Institute for Music and Acoustics, Karlsruhe, Germany 1-4 May 2014.

Title of work:

Duration:

Name of composer:

Full address:

Email address:

I am registered with a royalties society:

- ☐ no
- ☐ yes (please specify):

I agree that my composition may be streamed once or several times in compressed format on the internet, either during the performance, or afterwards, or both:

- ☐ yes
- ☐ no

I hereby state that the sound and/or video material I play or present at the conference is entirely my own work and does not infringe any copyrights. In no case shall the ZKM Karlsruhe or the Institute for Music and Acoustics be responsible for copyright infringement as a result of (dis)playing or performing my work. I am aware that any materials I send to LAC/ZKM for the submission process will not be returned. I am aware that I will receive no fee from LAC/ZKM whether my work is performed, streamed, or not, and that LAC/ZKM cannot organize or pay for travel or accommodation of me or of any needed performers. I accept that LAC/ZKM is not liable for damage or loss of any materials, which I provide for the presentation of my work during the conference. I also recognize that the jury's decision is final, and waive my rights to legal action regarding the jury's decision. I accept the terms and conditions presented in this form.

Date:

Signature: