Tech Riders: SuperCollider Symposium 2025

Thursday, March 13 - Saturday, March 15, 2025

Presented here in *sound check* order, not concert order.

Thursday, March 13, 2025

Concert 1

Sound Check Time: 10:15am - 10:45am

Composer: Marcin Pączkowski
Title: *Here comes a candle to light you to bed*

Performers:

- Marcin Pączkowski, motion sensors

Tech Needs:

Here comes a candle to light you to bed is performed in real time using motion sensors connected wirelessly to a laptop with audio interface, positioned downstage from to the performer. Sensors, laptop, and audio interface are provided by the composer/performer. No live audio input is used in the piece, all sounds are synthesized. The piece can be adapted to a variety of speaker setups, as it is generated in real time in the Ambisonics format and decoded for any number of speakers.

Speaker setup:

- Minimum: 2 (stereo)
- Recommended: 4-8, surrounding the audience

Possible output connectors:

- 2-8x TRS
- 2-8x XLR
- Dante (Ethernet)

Sound Check Time: 10:45am - 11:15am

Composer: Rachel Devorah Rome
Title: *RILF*

Performers:

- Rachel Devorah Rome, electronics

Tech Needs:

1 HDMI out; 2 XLR out; 1.2m wide x 60cm deep table 1.2m high (I'm 1.7m tall and like to stand..)

Sound Check Time: 11:15am - 11:45am

Composer: Marcin Pietruszewski
Title: *the New Pulsar Generator*

Performers:

- Marcin Pietruszewski, the New Pulsar Generator

Tech Needs:

- a multichannel sound system - a table + chair

Sound Check Time: 11:45am - 12:15am

Composer: Luis Alfonso Tamagnini
Title: *_hypercubx A/V*

Performers:

- Luis Alfonso Tamagnini, electronics

Tech Needs:

PA & Monitoring Main PA 2.1 (possible multichannel setups up to 8 channels). Stereo monitoring on stage Screen Flat led screen or proyector. Aspect ratio 16:9. 5 meters width or more. Full HD / 60 fps. Stage 2 x 1 x 0.8 meters stand. 2 (or more) direct boxes. HDMI output. Video monitor https://www.unexcoder.com.ar/epk

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Concert 2

Sound Check Time: 2:45pm - 3:15pm

Composer: James Annett
Title: *Improvisation*

Performers:

- James Annett, electronics

Tech Needs:

I will need 8 channels ADAT or XLR. Walter will bring an amplified drum kit and will require a mic for his amp and a splitter to send the signal to my laptop for processing.

Sound Check Time: 3:15pm - 3:45pm

Composer: Kyle Shaw
Title: *Rock Music*

Performers:

- fixed media

Tech Needs:

I have 8 mono audio files ready to be routed to an 8.1 surround setup.

Sound Check Time: 3:45pm - 4:15pm

Composer: Matt Wellins
Title: *Improvisation*

Performers:

- Matt Wellins, electronics

- ???

Tech Needs:

I'd be very happy to use a multichannel PA system, a table, two chairs - otherwise we are more-or-less self-sufficient.

Sound Check Time: 4:15pm - 4:45pm

Composer: Dennis Scheiba
Title: *Infinite Movement*

Performers:

- fixed media

Tech Needs:

5 channel audio setup would be nice, but 4 channel audio setup would also be sufficient. It would be nice if you could provide an audio interface.

Sound Check Time: 4:45pm - 5:15pm

Composer: Gaël Moriceau
Title: *T-Stick*

Performers:

- Gaël Moriceau, T-Stick

Tech Needs:

Duration: 6-7 minutes. The author will be performing the piece on stage. The following items will be supplied by the author:

- Laptop (x1)
- T-Stick (x1)
- Router (x1)
- Audio interface with stereo output (1/4" jacks x2).

The author asks organizers to provide:

- Table approximately 1 meter by 1 meter (x1)
- Music stand (x1)
- Music stand lamp (x1)
- Extension cord for connecting the laptop (x1)
- 1/4-inch jack cables (x2) to connect to the mixing console (the setup is stereo).
- Loudspeakers (x2) connected to the mixing console (or directly to performer's interface if no console is available)
- Stage monitors (x2)
- Moderate lighting during the performance The table with the laptop and interface should be positioned on stage or in close proximity for easy accessibility at the start of the performance.

More details in: https://drive.google.com/drive/folders/1I1kLqbyBRbKaovK60wRQSQBlNrK8cbpj

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Sound Check Time: 5:15pm - 5:45pm

Composer: Thor Madsen
Title: *Thormulator*

Performers:

- Thor Madsen, Thormulator

Tech Needs:

PA system with 2-channel input (L-R). 2 1/4" jack - XLR cables for connecting my sound card to the stage box. Projection of the GUI of Thormulator on a screen behind me/next to me. HDMI or USB-C connectors to my HUB.

Friday, March 14, 2025

Concert 3

Sound Check Time: 10:15am - 10:45am

Composer: Maxwell Miller
Title: *Antithesis (this is the part where I scream)*

Performers:

- Maxwell Miller, guitar & voice

Tech Needs:

Inputs (from FOH): none Outputs (to FOH): Audio Interface Left (XLR) Audio Interface Right (XLR) Power requirements: 1 grounded outlet. Optional: Music stand I can provide all other equipment. My stage setup is as follows: Laptop and iPad on laptop stand Guitar amp modeler and audio interface/power strip on floor Dynamic mic and mic stand

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Sound Check Time: 10:45am - 11:15am

Composer: Mason Moy
Title: *Copper Ouroboros*

Performers:

- Mason Moy, tuba

Tech Needs:

I would only require a microphone to amplify my tuba performance. I will bring all other materials (speaker, interface, microphone for creating feedback).

Sound Check Time: 11:15am - 11:45am

Composer: Hyunkyung Shin and Henrik von Coler
Title: *2CUBES*

Performers:

- Hyunkyung Shin, Contrabass & ARCube
- Henrik von Coler, Modular Synthesizer & ARCube

Tech Needs:

We will bring PCs for rendering and audio processing, along with network cables and a router, as well as two HMDs for the performers. We require four loudspeakers, a double bass with a bow, and eight XLR cables to connect instruments to the rendering PC. Additionally, we need a table for the modular synth setup and a projector or screen with HDMI input for the live-streamed AR scene. Proper lighting will also be helpful to enhance the performance.

Sound Check Time: 11:45am - 12:15pm

Composer: Bruno Ruviaro
Title: *Notoligotoma hardyi*

Performers:

- Dustin Donahue, percussion

Tech Needs:

This is a piece for one percussion player and live-electronics (stereo). If accepted, both composer and performer would be present at the symposium to perform it. We would bring our own set of percussive instruments, as well as contact mics and other equipment necessary to run the piece. We need to send a stereo signal out from our audio interface into the venue's stereo system. Depending on size of venue, slight amplification of percussion instruments might be advisable.

Sound Check Time: 12:15pm - 1pm

Composer: Derek Worthington
Title: *Lossy Codecs*

Performers:

- James Annett, viola
- Dustin Donahue, percussion
- Kerrith Livengood, flute

- Maxwell Miller, guitar
- Mason Moy, tuba
- Hyunkyung Shin, contrabass

Tech Needs:

There are two setup options for this performance: 1) Two TVs with HDMI or USB input on a low table, angled so all musicians can see (If HDMI cables and a splitter can be provided, I won't need to bring my own) 2) A projector with HDMI or USB input. This will only work if there is a suitable surface on which to project that the ensemble can see clearly while performing; the audience does not need to see it. For either of the above methods, the following will also be needed: A small or medium table/surface at standing level for the director (to hold laptop and 2 midi controllers) Chairs for musicians and one shared music stand for every two performers (for reference sheets) Power strip I will provide my own laptop and midi controllers

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Concert 4

Sound Check Time: 5pm - 5:30pm

Composer: Kerrith Livengood
Title: *Improvisation*

Performers:

- Kerrith Livengood, electronics & instruments

Tech Needs:

I would require a condenser microphone and stand, and stereo connection to a PA. This piece could easily be modified for a multichannel presentation. I will provide my own interface, related cables, and musical instruments. I'm also willing to perform works by other conference attendees (on flute or miscellaneous).

Sound Check Time: 5:30pm - 6pm

Composer: Ted Moore
Title: *saccades*

Performers:

- Doug O'Connor, saxophone

Tech Needs:

Sound Check Time: 6pm - 6:30pm

Composer: Monte Taylor
Title: *Sigil II: Amistad*

Performers:

- Doug O'Connor, saxophone

Tech Needs:

One Condenser Microphone for Saxophone 2, 4, or 8 channel line-outs from my audio interface (I can be flexible on the number of channels if need be)

Saturday, March 15, 2025

Concert 5

Sound Check Time: 10:15am - 10:45am

Composer: f mod
Title: *Improvisation*

Performers:

- Maxwell Gong, electronics
- Alexander Wu, electronics

Tech Needs:

All three of us need to sit near our stereo outputs. Usually, this means one in the front, one on the left, and one on the right. We each need two monitors to listen to the other two performers. We each have two TRS outputs and need to route through the mixer to give mono sends to the other two performers. Depending on the location and tech availability, we are willing to make adjustments to our ideal setup.

Sound Check Time: 10:45am - 11:15am

Composer: Kosmas Giannoutakis
Title: *Metacortical Modulations*

Performers:

- Kosmas Giannoutakis, electronics

Tech Needs:

- 8-channel sound system (requested) - class-compliant USB audio interface that supports 8 audio outputs (requested - otherwise I can provide mine which has only 6 working audio outputs) - HDMI projector, screen and lighting (requested) - OpenBCI EEG (provided) - Laptop (provided) - Akai MIDIMIX (provided) - Mechanical keyboard (provided) - Performance table (requested)

Sound Check Time: 11:15am - 12pm

Composer: Alberto de Campo & Bruno Gola
Title: *The Absolute Relativity*

Performers:

- Workshop Participants

Tech Needs:

Depending on the venue's sound system possibilities we have different options: - the best option is one wide stereo pairs for every participant, for instance by patching everyone into a multi-channel system. This enables the audience loosely identify who is playing what, and have a nice immersive total spatial image of all performers. - an alternative is single individual speaker for each player. - a less optimal option is a mix down to a half circle of for speakers, for example. in this case we would need a mixer with enough input channels and flexible output routing.

Concert 6

Sound Check Time: 2:45pm - 3:15pm

Composer: Bruno Gola
Title: *Microwebs*

Performers:

- Bruno Gola, electronics

Tech Needs:

The performance can last anytime between 15 to 30 minutes. - table space for computer + small midi controller - internet availability (preferably if the location has good mobile coverage so the audience can join with their phones) - the performance is better suitable for a smaller room, since the only sound sources are the mobile phones of the audience - ideally the audience is able to move around and place their phones in different locations during the performance

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Sound Check Time: 3:15pm - 3:45pm

Composer: Eli Fieldsteel
Title: *Live Coding Performance*

Performers:

- Eli Fieldsteel, electronics

Tech Needs:

I am prepared to perform in eight-channel surround and will bring an audio interface with eight 1/4" TRS outputs. If this option is not available, a stereo performance is also possible.

Sound Check Time: 3:45pm - 4:15pm

Composer: Christophe Lengelé
Title: *Live for Life*

Performers:

- Christophe Lengelé, electronics

Tech Needs:

I bring a laptop and controllers. I've got also a Motu M4 with 4 outputs. I can spatialize on 8 loudspeakers with the appropriate sound card, but can also spatialize in quadraphony or output on stereo.

Sound Check Time: 7pm - 7:30pm

Composer: Sam Pluta and Bonnie Lander
Title: *Improvisation*

Performers:

- Sam Pluta, electronics
- Bonnie Lander, voice

Tech Needs:

stereo sound to the house