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&  
@HELLO  
expo

Statement of Intent

Saturday 26<sup>th</sup> September 2009

Sound and Music Expo

Leeds, UK

[www.inclusiveimprov.co.uk](http://www.inclusiveimprov.co.uk)

[www.ablelemon.co.uk](http://www.ablelemon.co.uk)

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## **Title**

Processed Improvisation – untitled 20 mins approx

## **Program Note**

Today's improvisation is the result of a series of experiments between the Inclusive Improv and the Huddersfield Experimental laptop Orchestra. Working within each players experience the group will look to explore the relationship between acoustic and laptop based instruments and the dynamic interactions that can form within an improvisation. Over the course of the performance the roles of the various players will shift from source, to process, to control allowing each player to equally determine the progression of the improvisation.

HELO will use the NetMixer software to facilitate real time processing of the Inclusive Improv players.

## Group Biographies

### ***Huddersfield Experimental Laptop Orchestra***

HELO began as part of the undergraduate course at the University of Huddersfield which exists to explore laptop based performance practice in a variety of settings. HELO has no fixed ethos to either tools or strategies and instead looks to explore methods specific to its players and circumstance.

### ***Inclusive Improv***

The Inclusive Improv collective is an improvisation group that performs free improvised music for fun. With a leaning towards experimental music, techniques and instruments the Inclusive Improv organises regular open improvisation performance and is constantly looking for new challenges.

## Player Biographies

### **Liz Brown**

Is a graduate of the University of Huddersfield (2009) and has a great interest and enthusiasm for experimental and improvisational music. She is also a composer who covers a broad spectrum of music from popular, to acousmatic, to classical music. 'As a composer I feel it is important to be flexible when it comes to style and genre.'

<http://www.myspace.com/izzie3001>

### **Ray Evanoff**



Ray Evanoff is an American composer and improviser who performs on a homemade percussion setup consisting of an amplified cymbal and miscellaneous common objects.

He has performed extensively with numerous individuals in numerous contexts, and has released recordings independently and through the Insides Music netlabel.

He is currently pursuing his PhD in music composition at the University of Huddersfield, and performs freely improvised music solo as well as with Timothy McCormack as "Gift of Life".

### **Sam Freeman**



Sam Freeman works mostly in Max/MSP/Jitter, developing systems for real-time performance and compositional tools. Based at the University of Huddersfield and about to embark upon a PhD exploring visual representations of sound in computer music software: theory, programming and composition.

## **Richard Glover**

Richard Glover is a composer based in Huddersfield. He has received numerous international performances and radio broadcasts of his music, and works as a researcher into the perception and aesthetics of reductionist music.

## **Scott Hewitt**



Scott Hewitt is based in Huddersfield, UK and is currently working towards a PhD. He is a composer and an improviser specializing in laptop based performance and group improvisation. For this performance he will be using his CIP improvisation framework.

<http://www.scotthewitt.co.uk>

## **Anton Hunter**



Anton Hunter is a jazz guitarist living in Manchester, though from him “jazz” ranges from drop-c dark improv sets with laptops to ambient soundscapes in his quartet HAQ as well as playing in (and occasionally writing for) the electronics-meets-brass of the Beats & Pieces Big Band. You'll also see him co-running the monthly open improvisation night The Noise Upstairs and playing in the music/art trio Takahashi's Shellfish Concern. Recently he has set up Efpj Records with other musicians to release and promote contemporary jazz in Manchester

<http://www.myspace.com/antonhuntermusic>

## **Adam Jansch**



Adam Jansch is a sonic artist with a predilection for electronics and Max/MSP. He has returned to the University of Huddersfield to undertake his PhD in Music Composition, with a practice investigating appropriation and the use of sonic media.

<http://www.adamjansch.co.uk>

## **Scott Mc Laughlin**



Scott Mc Laughlin is a composer and improviser based at the University of Huddersfield. His composed works specialise in game-based interaction and patterns.

<http://www.lutins.co.uk/>

## **Joel Ross**

Joel Ross is a composer and student at the University of Huddersfield. His compositions range from electronic and algorithmic music to instrumental pieces.

## **Hali Santamas**

Hali Santamas is a composer and undergraduate student at the University of Huddersfield. He composes in many styles ranging from glitch, ambient and noise to pop and rock. He has had an album released under the name Tread Softly on Dead Pilot Records in mid 2008 and is currently writing new material for the project as well as writing and performing as part of the ambient pop duo, Metonym.

<http://www.myspace.com/metonym>

## **Abigail Sanders**

Abigail Sanders is a french horn player living in Manchester. She has recently graduated from the Royal Northern College of Music. Alongside her Classical training at the RNCM, the city of Manchester has opened up many opportunities for Abigail to explore new musical avenues with her instrument through improvisation; she regularly participates in jam nights, and meets like-minded musicians to collaborate with.

<http://www.myspace.com/abisanders>

## **Sam Stocks**

Samuel Stocks is a sound designer and sonic artist based in Huddersfield in the UK. He graduated in 2009 with an Honours degree in Creative Music Technology. He specialises in creating dark and haunting sonic atmospheres, and exploring the paranormal, the astral, and the darker side of the human psyche through his sonic compositions.

<http://www.myspace.co/darkdynamics>

# HELO Player Instructions

## ***Need***

All laptop players require:

1. Guitar Amplifier(or similar)
2. Cable to connect player laptop to guitar amplifier
3. The NetMixer client software installed  
(<http://www.inclusiveimprov.co.uk/doku.php/code:netmixer>)
4. Audio input as mini jack

Please email me if you have any difficulties with these requirements.

## ***Considerations***

1. Zero delay effects are risky due to multiple input and feedback sources
2. Delay introducing effects are great due to natural feedback suppression
3. Silence all system sounds
4. Sampling removes all feedback risks
5. Static relationships offer more opportunity for multiple player interaction

# **Inclusive Improv Instructions**

## ***Need***

1. Instrument
2. Express preference for either DI or microphone for NetMixer input
3. Maybe carry a microphone stand

## ***Considerations***

1. Remain within dynamic range set at sound check

# Improvisation Structure

(Guide Line Only) 20mins approx.

Sparse limited opening

Broken textural median

Huge raucous stop

# NetMixer

## Introduction

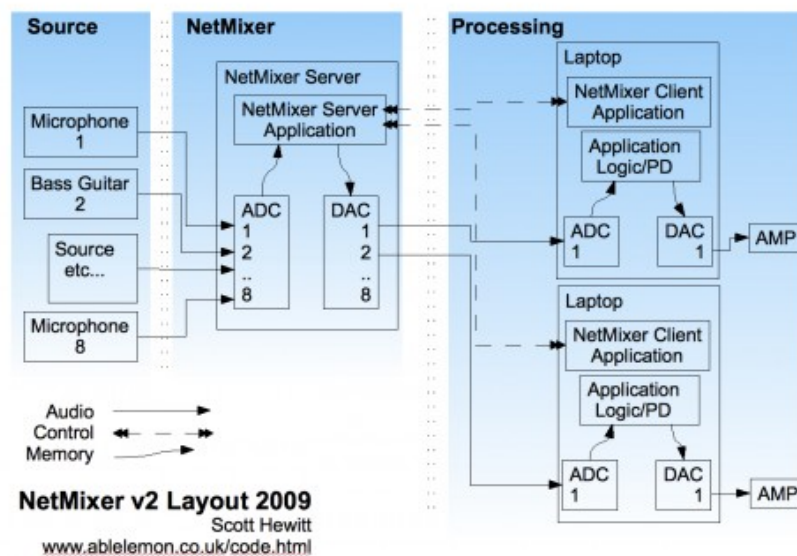
The NetMixer allows a laptop performer to create a custom mix of audio inputs into the system to be subjected to their own local processing.

Detailed information for the NetMixer can be found online;

<http://www.inclusiveimprov.co.uk/netmixer>

## Topology

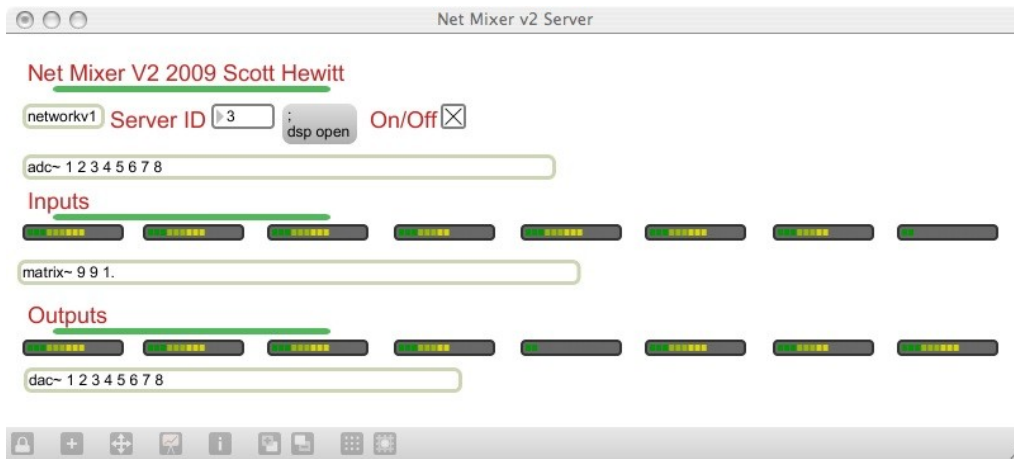
The NetMixer is made of two elements, the server and client application.



## NetMixer Server

The NetMixer server requires wireless network connectivity.

All audio signals are connected into the NetMixer, audio outputs from the NetMixer are connected to laptop inputs. Audio signals are passed across dedicated physical transit, only mix control messages are communicated over wireless connectivity. The NetMixer allows any 8 x 8 way mix to be created dynamically.



## NetMixer Client

The NetMixer client communicates over the network connection display current source input level and client mix metering. No audio is transmitted to the client application.

### Use

1. Select maxhole for network transit
2. Select Mixer ID (normally 1)
3. Set Client ID to pre-assigned number
4. Make your mix

