Frédéric LEBEL

25 : 17

for cello & electronics

Work composed for IRCAM’s cursus,
in collaboration with Cameron Crozman.

Duration : ca. 12.5 minutes

PARIS - FEBRUARY 2015
PERFORMANCE NOTES

Accidentals are indicated before each notes excepted for repeated ones and/or identical chords.

ASP+ : altissimo sul ponticello (whistling sound)
ASP : alto sul ponticello
SP : sul ponticello
PSP : poco sul ponticello
ord. : ordinario
ST : sul tasto
AST : alto sul tasto

1/2 pressure : finger pressure as for normal harmonics but not necessarily on a harmonic node.

normal : referring to normal finger pressure as for normal notes.

Exaggerated shifts : somewhere between glissando, portamento and normal playing.

Exaggerated bow pressure (noise only)

Heavy bow pressure (pitch+noise)

Muffle strings with left hand

Gradually go (interpolate) from one state to the other

Play the sequence as fast as possible

Look into the score as more indications are written along…
ELECTRONICS

HARDWARE
- 2 microphones : 1 DPA 4061 + 1 KnK piezo transducer
- 1 Mixing board
- 1 Audio interface with loopback feature (RME fireface 800 or equivalent)
- 6 Loud Speakers
- 1 CPU (apple MacBook Pro : Late 2013)

SOFTWARE
- MaxMSP 6.1 (or later) : for live processings
- Ableton LIVE 9 Suite (or later) : for synthesizers (AAS Canadian Boards) and samplers (Embed)

DOCS
Look into the attached documents (LEBEL_2517-ConcertMaterial) for more information. Need help about softwares, patches, externals, how to perform the electronics, etc.
Contact me: frdric.lebel@gmail.com OR jean.lochard@ircam.fr

CONCERT SETUP

\[
\begin{array}{cc}
\text{LS-5} & \text{LS-6} \\
\text{cello} \\
\text{LS-1} & \text{LS-2} \\
\text{CPU} \\
\text{LS-4} & \text{LS-3}
\end{array}
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FIRST STEPS
- Open Ableton LIVE 9 suite, then LiveSet Project
- Set MIDI input ports for Synth & Percs : from Max 1 / from Max 2
- Set AUDIO output ports for Synth & Percs (loopback) : “to max” channel 3-4 & channel 5-6
- Open MaxMSP, then LEBEL_2517_MaxProject.maxproj
- On the main patch interface, follow the “Check-List” to complete the startup procedure...
Impetuous \( \approx \) ca. 92

- Hit the stringboard with left hand for percussive sound
- Post the bridge, play close to windings for rough sound

Cello
Build up!

as rough as possible...

Hysterical

Vib. frenetico