

Dubious Toppings

for piano and electronic ensemble

by Joo Won Park (2019)

Electronic Ensemble

The electronic ensemble members play 8 or more laptops with SuperCollider (<https://supercollider.github.io/download>)

Balance the volume between the piano and the laptop ensemble. Use the built-in output of the computer if possible.

The laptop performers should surround the audience in a circular shape. Some of the performers can sit among the audiences

Use *DubiousToppings.scd* (available at www.joowonpark.net/dubioustoppings in SuperCollider

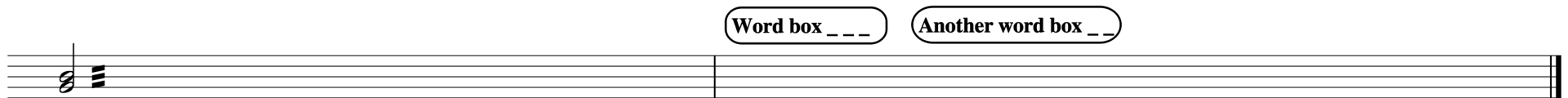
Computer Part Notation

Each musical note represents a row in a QWERTY keyboard or a mouse click. For each note, type any letters in the corresponding row



A musical staff with seven notes. The first five notes are quarter notes, the sixth is a quarter note with an asterisk, and the seventh is a half note with a plus sign. Below the staff are labels for each note: SpaceBar, ZXCVBNM, ASDFGHJKL, QWERTYUIOP, 1234567890, LeftClick, and Hold the note to trigger key repeat.

SpaceBar ZXCVBNM ASDFGHJKL QWERTYUIOP 1234567890 LeftClick Hold the note to trigger key repeat



A musical staff with a single note, a double bar line, and then two empty boxes labeled 'Word box _ _ _' and 'Another word box _ _'. The staff ends with a double bar line.

Word box _ _ _ Another word box _ _

play any keys in the notated row as fast and hectically as possible

Choose one of the boxed words

Type the word(s) repeatedly until cue with a regular sense of rhythm

Treat the underscores (_) as rests. The more underscores, the longer the rest

Type the words uncoordinated from each other

Choose a different word box at every section

I

♩ = 30 or slower **♩ = 150 or faster** **♩ = 30 or slower**

Piano: improvise/add/subtract voicings in C mixolydian throughout the piece

gradually increase and decrease the rate of repeated notes. Play as many notes as needed over the duration of ~1 min

p *ff* *p*

♩ = 30 or slower **♩ = 150 or faster** **♩ = 30 or slower**

mouse click sound, uncoordinated with each other. Number of notes notated are approximate. Play as many notes as needed for 1min

~1 min

Laptop performers formation:

The ideal number of computer performers are 8 or more

Set the volume of the computer to maximum (or amplify)

The performers should surround the audience, creating a human surround system

II

♩ = c 60

8

ff *ff* *ff* *pp* *mf*

tutti Com1 solo Com8 solo Com4+5 soli tutti

play any keys in the notated row as fast and hecticly as possible

hold the specified key to trigger key repeat

III

$\text{♩} = \text{c } 80$ rubato. Also improvise accents and octave shifts

Piano

Coms

Ham and Cheese _ _ _
Onion _ _
No Toppings _ _

Ham and Cheese _ _ _
Onion _ _
No Toppings _ _

Ham _ _
Pineapple _

Repeat until cue

Ham and Cheese _ _ _
Onion _ _
No Toppings _ _

Ham _ _
Pineapple _
#2 _ _

Repeat until cue

Choose one of the boxed words
Type the word(s) repeatedly until cue with a regular sense of rhythm
Treat the underscores (_) as rests. The more underscores, the longer the rest
Type the words uncoordinated from each other
Choose a different word box at every section

Pno.

Coms

Ham _ _
Pineapple _
#2 _ _

Bacon _ _ _
#1 _

Ham _ _
Bacon _ _ _
#1 _

Repeat until cue

Repeat until cue

Repeat until cue

8

#1

type #1 only ONCE, uncoordinated

IV

$\text{♩} = \text{c. } 100$
improvise accents

Piano

Com1

Com2

Com3

Com4

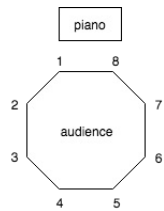
Com5

Com6

Com7

Com8

mf



Divide the computer performers into eight groups
Assign the performers according to the diagram. An approximation is ok
The audience should be able to hear each part's spatial location clearly

Pno.

Com1

Com2 (number keys)

Com3 (number keys)

Com4 (number keys)

Com5 (number keys)

Com6 (number keys)

Com7 (number keys)

Com8

V

Piano

$\text{♩} = 30 \text{ or slower}$ $\text{♩} = 150 \text{ or faster}$ $\text{♩} = 30 \text{ or slower}$

gradually increase and decrease the rate of repeated notes. Number of notes notated are not to be performed exactly. Play as many notes as needed over the duration of ~1 min

p *ff* *pp*

Coms

$\text{♩} = 30 \text{ or slower}$ $\text{♩} = 150 \text{ or faster}$

like a rain

pitches notes on number key pads, uncoordinated with each other

~ 1 min

Pno.

ff *f* *mp* *pp*

$\text{♩} = c 60$

at each piano chord, gradually slow down and add more rests between the key stroke over ~1 min

Coms

p i z z a

~ 1 min