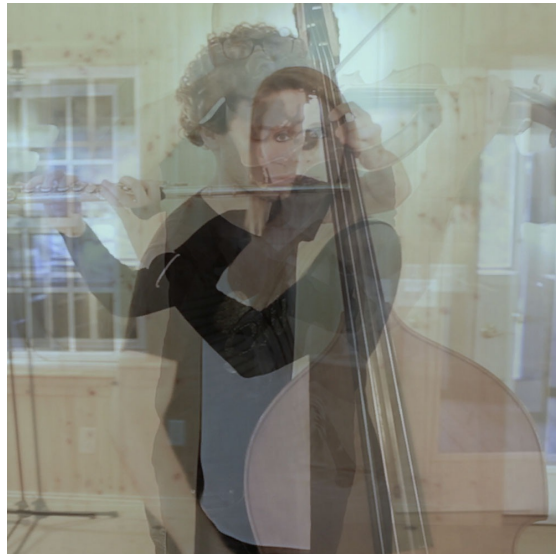


Florent Ghys

4 Bucolic Machines
2018

for chamber ensemble



Florent Ghys - 4 Bucolic Machines (2018)

for Now Hear ensemble

instrumentation: double bass, viola, clarinet in Bb, flute, percussion

percussion: snare, low tom, hi-hat

duration: circa 10 minutes

synchronisation with video: click track with an Ableton Live project

Notes:

4 Bucolic Machines is a piece in 4 movements: Woods, Basse, Robots, and Cabine.

Each movement explores interactions of images and sounds. "Woods" is about associations between notes and playing techniques, and videos shots in the woods at the Avaloch Farm music residency.

"Basse" replicates the effect of a scratched vinyl recording with a digital video of Federico Llach improvising on the double bass. "Robots" uses a chords progression from a piece of Baroque music along with a synthetic robot-clock. "Cabine" is made of an isorhythm combined with a unstable 16-step sequencer, and looks into a physical rotation inside a cabin at the Avaloch residency.

Movements can be played in any order.

"Woods", "Basse", and "Cabine" need to be synchronized with the provided click track. "Robots" does not need to be tightly synchronized with a click.

"x bars precount" means that the click starts x bars before the top of the movement.

The audio from the video should be as loud as the instruments. The instruments can be amplified or not depending on the venue, and the audio from the video should be adjusted accordingly.

Audio is 44100Hz-16bits and the video is 1920x1080.

Thanks to the Avaloch Farm Music residency and the Department of Music at Princeton University for their support in making this piece happen.

Thanks to Now Hear for their patience and being down to work on my crazy visual ideas!

Woods

Florent Ghys

A $\text{♩} = 105$
2 bars precount

Flute
2 bars precount
f *mf* *f* *mf*

Clarinet in Eb
2 bars precount
flz. *mf* ord. *f* flz. *mf* ord. *f*

Viola
2 bars precount
arco sul tasto *f* ord. *ff* sul tasto *f* ord. *ff*

Bass
2 bars precount
pizz. *fff* arco sul tasto *f* pizz. *fff* arco sul tasto *f*

11 **B** **C**

F. flz. *ff* *mf* *f* flz. *ff*

C. flz. *ff* ord. *f* flz. *mf* *ff*

V. sul pont. *fff* ord. *ff* sul tasto *f* sul pont. *mf* pizz. *fff* arco sul pont. *fff*

B. sul pont. *fff* sul tasto *f* pizz. *fff* ord. *ff* arco sul pont. *fff*

23 **D**

F. *mf* *f* *mf* *f* *mf* *f*

C. ord. *f* flz. *mf* ord. *f* flz. *mf* ord. *f* ord. *f* ord. *f* ord. *f*

V. ord. *ff* sul tasto *f* *mf* ord. *ff* sul tasto *f* *f* slow ascending natural harmonics on C string ord. *f* sul tasto ord. sul pont. ord. sul tasto

B. sul tasto *f* pizz. *fff* pizz. *ff* arco sul tasto *f* pizz. *fff* arco *f* slow ascending natural harmonics on G string sul tasto *f* pizz. *fff* sul tasto *f* sul pont. *f* pizz. *fff* sul tasto *f*

33

harmonic fingering

E ord.

flz. *ff* *f*

ord. flz. *ff* *f*

ord. *ff* *f*

ord. *ff* *f*

ord. sul pont. crushed (really ugly) marcato ord. *ff* *f*

arco sul pont. ord. crushed (really ugly) pizz. *ff* *f*

sul tasto pizz. arco

40

F

ff *ff* *ff* *ff*

45

49

F.

C.

V.

B.

53

F.

C.

V.

B.

56

F.

C.

V.

B.

Basse

Florent Ghys

A $\text{♩} = 112$
2 bars precount

B
bass improv in the video

Flute

Clarinet in bb

Viola

Bass

Percussion

mf *ff*

gradually sul pont.

C video gets crazy

arco bass in video

D

p *mp* *mf*

F.

C.

V.

B.

P.

22

E

(mf)

F.

C.

V.

B.

29

F. *(mf)*

C. *(mf)*

V. *(mf)*

B. *(mf)*

F

F. *f*

C. *(mf)*

V. *(mf)*

B. *(mf)*

37

G

F. *mf* *f*

C. *(mf)*

V. *(mf)*

B. *(mf)*

41

F. *(mf)*

C. *(mf)*

V. *(mf)*

B. *(mf)*

45

Measures 45-48. The score consists of four staves: Flute (F.), Clarinet (C.), Violoncello (V.), and Bass (B.). The Flute and Clarinet parts feature melodic lines with accents and slurs. The Violoncello part plays a steady eighth-note accompaniment. The Bass part provides a harmonic foundation with a sequence of chords: B-flat major, B-flat major, B-flat major, and E-flat major.

49

H

Measures 49-52. The score consists of four staves: Flute (F.), Clarinet (C.), Violoncello (V.), and Bass (B.). A rehearsal mark **H** is placed above measure 49. The Flute and Clarinet parts begin with a rest, followed by a melodic line starting in measure 50. The Violoncello part continues with eighth notes. The Bass part features a dense, rhythmic accompaniment of sixteenth notes. Dynamics include *f* and *marcato*.

53

Measures 53-56. The score consists of four staves: Flute (F.), Clarinet (C.), Violoncello (V.), and Bass (B.). The Flute and Clarinet parts have melodic lines with accents. The Violoncello part continues with eighth notes. The Bass part features a dense, rhythmic accompaniment of sixteenth notes.

57

Measures 57-60. The score consists of four staves: Flute (F.), Clarinet (C.), Violoncello (V.), and Bass (B.). The Flute and Clarinet parts have melodic lines with accents. The Violoncello part continues with eighth notes. The Bass part features a dense, rhythmic accompaniment of sixteenth notes.

73 J

Musical score for measures 73-76. The score is written for five staves: Flute (F.), Clarinet (C.), Violoncello (V.), Bass (B.), and Percussion (P.). The key signature has one sharp (F#). Measure 73 starts with a *mf* dynamic. At measure 74, the dynamic changes to *f*. The Percussion part includes the instruction "snare + pedal hi-hat". The Bass part includes the instruction "pizz." at measure 74. The Flute, Clarinet, and Violoncello parts have slurs over measures 73-74 and 75-76.

77

Musical score for measures 77-80. The score continues for the five staves (F., C., V., B., P.). The dynamics remain *f*. The Percussion part continues with the snare and pedal hi-hat pattern. The Flute, Clarinet, and Violoncello parts have slurs over measures 77-80.

81 K

Musical score for measures 81-84. The score continues for the five staves (F., C., V., B., P.). The dynamic changes to *ff* at measure 81. The Percussion part continues with the snare and pedal hi-hat pattern. The Flute, Clarinet, and Violoncello parts have slurs over measures 81-84.

85

Musical score for measures 85-88. The score is written for five staves: Flute (F), Clarinet (C), Violoncello (V), Bass (B), and Percussion (P). The Flute part features a melodic line with accents and slurs. The Clarinet and Violoncello parts have similar melodic lines. The Bass part has a more rhythmic line with accents. The Percussion part consists of a steady eighth-note pattern. The key signature has one sharp (F#).

89

Musical score for measures 89-92. The score is written for five staves: Flute (F), Clarinet (C), Violoncello (V), Bass (B), and Percussion (P). Measure 89 is marked with a box containing the letter 'L'. The Flute part has a melodic line with a slur and a dynamic marking of *f*. The Clarinet and Violoncello parts have similar melodic lines with dynamic markings of *f* and *ff*. The Bass part has a more rhythmic line with dynamic markings of *f* and *ff*. The Percussion part consists of a steady eighth-note pattern. The key signature has one sharp (F#).

93

Musical score for measures 93-96. The score is written for five staves: Flute (F), Clarinet (C), Violoncello (V), Bass (B), and Percussion (P). The Flute part has a melodic line with a slur and a dynamic marking of *f*. The Clarinet and Violoncello parts have similar melodic lines with dynamic markings of *f* and *ff*. The Bass part has a more rhythmic line with dynamic markings of *f* and *ff*. The Percussion part consists of a steady eighth-note pattern. The key signature has one sharp (F#).

96

Musical score for measures 96-98. The score is written for five staves: Flute (F.), Clarinet (C.), Violoncello (V.), Bass (B.), and Percussion (P.). Measure 96 features a melodic line in the Flute and Clarinet, with the Flute playing a series of eighth notes. The Bass and Percussion parts provide a rhythmic accompaniment. Measures 97 and 98 continue the melodic development in the Flute and Clarinet, with the Flute playing a series of eighth notes. The Bass and Percussion parts continue their accompaniment.

99


Musical score for measures 99-101. The score is written for five staves: Flute (F.), Clarinet (C.), Violoncello (V.), Bass (B.), and Percussion (P.). Measure 99 features a melodic line in the Flute and Clarinet, with the Flute playing a series of eighth notes. The Bass and Percussion parts provide a rhythmic accompaniment. Measure 100 features a melodic line in the Flute and Clarinet, with the Flute playing a series of eighth notes. The Bass and Percussion parts provide a rhythmic accompaniment. Measure 101 features a melodic line in the Flute and Clarinet, with the Flute playing a series of eighth notes. The Bass and Percussion parts provide a rhythmic accompaniment. A dynamic marking of *f* is present in measure 100. A dynamic marking of *ff* is present in measure 101. A dynamic marking of *f* is present in measure 102.

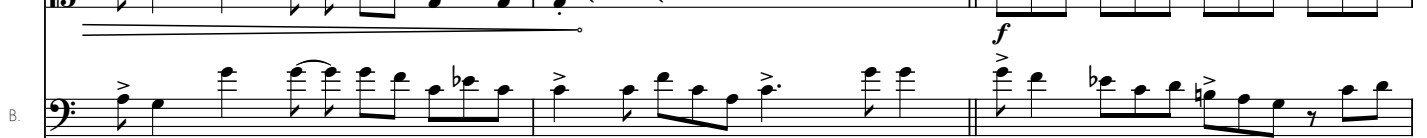
102

Musical score for measures 102-104. The score is written for five staves: Flute (F.), Clarinet (C.), Violoncello (V.), Bass (B.), and Percussion (P.). Measure 102 features a melodic line in the Flute and Clarinet, with the Flute playing a series of eighth notes. The Bass and Percussion parts provide a rhythmic accompaniment. Measure 103 features a melodic line in the Flute and Clarinet, with the Flute playing a series of eighth notes. The Bass and Percussion parts provide a rhythmic accompaniment. Measure 104 features a melodic line in the Flute and Clarinet, with the Flute playing a series of eighth notes. The Bass and Percussion parts provide a rhythmic accompaniment.

105

F. 

C. 

V. 

B. 

P.

108

F. 

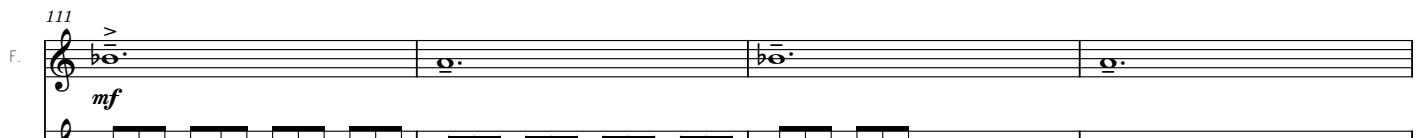
C. 

V. 


B. 


P.

111

F. 

C. 

V. 

B. 

P.

115

O

The musical score consists of four staves labeled F., C., V., and B. from top to bottom. The top staff (F.) has a circled 'O' above it. The second staff (C.) and third staff (V.) contain simple harmonic accompaniment with half notes and quarter notes. The bottom staff (B.) features a more complex bass line with eighth notes, some with accents, and dynamic markings of *f* and *mf*. The piece concludes with a double bar line.

Robots

Florent Ghys

very slow, rubato, no click $\text{♩} = \text{c. } 35$

A **B**

snare drum
c. 7 sec
delicate

Flute

snare drum
c. 7 sec
delicate

Clarinet in Bb

snare drum
c. 7 sec
gliss on one string

Viola

snare drum
c. 7 sec
gliss on one string

Bass

irregular rolls
c. 7 sec
irregular rolls until the end

Percussion

mf *f* *mf* *f* *mf* *f* *mf* *f* *mf* *f*

C irregular, mimicking the video

F.

C.

V. simile

B.

P.

mf *f* *mf* *f* *mf* *f* *mf* *f* *mf* *f*

9 D

F. *mf* *f* *mf* *f* *mf* *f*

C. *mf* *f* *mf* *f* *mf* *f* irregular, mimicking the video

V. *mf* *f* *p* *f* *p* *f*

B. *mf* *f* *p* *f* *p* *f*

P. *mf* *f* *p* *f* *p* *f*

12 E

F. *mf* *f* *p* *f*

C. *mf* *f* *p* *f*

V. *p* *f* *p* *f* legato, arco ad lib. irregular, mimicking the video

B. *p* *f* *p* *f*

P. *p* *f* *p* *f*

14

Musical score for measures 14-15. The score is for five staves: Flute (F), Clarinet (C), Violin (V), Bass (B), and Percussion (P). The key signature is one sharp (F#) and the time signature is 4/4. Measures 14 and 15 are marked with a fermata. Dynamics range from *p* to *f*. The Flute, Clarinet, and Violin parts feature rapid sixteenth-note passages. The Bass part has a long note with a slur. The Percussion part has a single note with a fermata.

F

Musical score for measures 16-17. The score is for five staves: Flute (F), Clarinet (C), Violin (V), Bass (B), and Percussion (P). The key signature is one sharp (F#) and the time signature is 4/4. Measures 16 and 17 are marked with a fermata. Dynamics range from *p* to *mf*. The Flute, Clarinet, and Violin parts feature rapid sixteenth-note passages. The Bass part has a long note with a slur. The Percussion part has a single note with a fermata. A box labeled 'F' is in the top left corner.

irregular, mimicking the video
legato, arco ad lib.

18

Musical score for measures 18-19. The score is for five staves: Flute (F), Clarinet (C), Violin (V), Bass (B), and Percussion (P). The key signature is one sharp (F#) and the time signature is 4/4. Measures 18 and 19 are marked with a fermata. Dynamics range from *pp* to *p*. The Flute, Clarinet, and Violin parts feature rapid sixteenth-note passages. The Bass part has a long note with a slur. The Percussion part has a single note with a fermata.

20

F. wait until video is over

C. wait until video is over

V. wait until video is over

B. wait until video is over

The musical score is arranged in four staves, labeled F., C., V., and B. from top to bottom. Each staff begins with a treble clef (F., C., V.) or a bass clef (B.). The key signature is one sharp (F#). The first part of the score (measures 20-21) is marked *ppp* (pianissimo) and the second part (measures 22-23) is marked *pp* (piano). The music consists of a steady eighth-note pattern. At the end of the piece, each part has a fermata and the instruction "wait until video is over".

Cabine

Florent Ghys

A ♩ = 78 very short
1-bar precount

Flute

Clarinet in Bb

Viola

Bass

Percussion

B

7

F.

C.

V.

B.

very short

f

very short

f

C **D**

F.

C.

V.

B.

P.

low tom, snare,
and pedal hit

f

17

Musical score for measures 17-20. The score is written for five staves: Flute (F), Clarinet (C), Violoncello (V), Bass (B), and Percussion (P). The key signature is one flat (B-flat). The percussion part features a consistent rhythmic pattern of eighth notes.

21

Musical score for measures 21-24. The score is written for five staves: Flute (F), Clarinet (C), Violoncello (V), Bass (B), and Percussion (P). The key signature is one flat (B-flat). The percussion part continues with the same rhythmic pattern.

25

E

Musical score for measures 25-28. The score is written for five staves: Flute (F), Clarinet (C), Violoncello (V), Bass (B), and Percussion (P). The key signature is one flat (B-flat). A box containing the letter 'E' is positioned above the first measure of the Flute staff. The percussion part continues with the same rhythmic pattern.

29

F.

C.

V.

B.

P.

F accelerando poco a poco.....
(no crescendo)

33

F.

C.

V.

B.

P.

36

F.

C.

V.

B.

P.

39

Musical score for measures 39-41. The score is written for five staves: Flute (F), Clarinet (C), Violoncello (V), Bass (B), and Piano (P). The key signature is B-flat major (two flats). The time signature is 4/4. The Flute part features a melodic line with grace notes and slurs. The Clarinet part has a similar melodic line with grace notes. The Violoncello part plays a steady eighth-note accompaniment. The Bass part plays a steady eighth-note accompaniment. The Piano part plays a steady eighth-note accompaniment.

42

Musical score for measures 42-44. The score is written for five staves: Flute (F), Clarinet (C), Violoncello (V), Bass (B), and Piano (P). The key signature is B-flat major (two flats). The time signature is 4/4. The Flute part features a melodic line with grace notes and slurs. The Clarinet part has a similar melodic line with grace notes. The Violoncello part plays a steady eighth-note accompaniment. The Bass part plays a steady eighth-note accompaniment. The Piano part plays a steady eighth-note accompaniment.

45

Musical score for measures 45-47. The score is written for five staves: Flute (F), Clarinet (C), Violoncello (V), Bass (B), and Piano (P). The key signature is B-flat major (two flats). The time signature is 4/4. The Flute part features a melodic line with grace notes and slurs. The Clarinet part has a similar melodic line with grace notes. The Violoncello part plays a steady eighth-note accompaniment. The Bass part plays a steady eighth-note accompaniment. The Piano part plays a steady eighth-note accompaniment.

48

F. 

C. 

V. 

B. 

P. 

♩ = 86

52

F. 

C. 

V. 

B. 

P. 

molto rit.....

55

F. 

C. 

V. 

B. 

P. 

G $\text{♩} = 80$

58
F. *(f)*
C. *(f)*
V. *marcato*
B. *f pizz.*
P. *f*

62
F. *mf*
C. *mf*
V. *mf*
B. *mf*
P. *mf*

66
F. *p*
C. *p*
V. *p*
B. *p*
P. *p*

69

F. *Flute*

C. *Clarinet*

V. *Violoncello*

B. *Bass*

P. *Piano*