

Möbius

open loops for variable chamber ensemble

Jordan Nobles

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Möbius

open score for spatialized chamber ensemble

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ABOUT THE PIECE

Möbius is an open score piece composed for variable instrumentation and duration. It was commissioned by **The Blueridge International Chamber Music Festival** and premiered in Vancouver on July 29, 2015.

DURATION:

Möbius is a 1 minute loop which should continue for 6 - 12 minutes, or whatever duration is desired.

PERFORMANCE NOTES

Möbius has no parts, all musicians read off of the score.

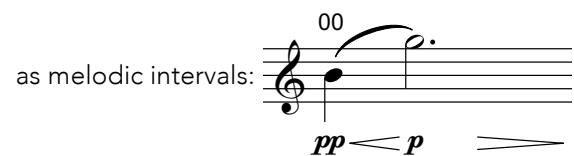
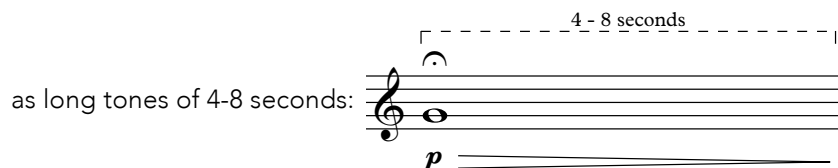
There is no pulse, tempo, measures or exact synchronization. The piece is coordinated by timers only (stopwatch or phone or clock, etc.).

INSTRUCTIONS

- *Möbius* is made of numerous looping systems or 'strips'. Musicians perform the notes, independently, on any strip they wish. They can repeat the same strip over and over again or jump at any time to a different strip.
- any strip can be repeated or ignored and need not be performed in any specific order
- the duration of the piece is variable but should probably be decided on ahead of time
- the numbers above the notes indicate the timing of when the note is to be performed. It corresponds to the second the note should be played, no matter what minute or strip it is on. For instance a **B** with a **37** above it should be played at **0'37"** and/or **1'37"** and/or **7'37"** etc. This can be approximate.
- players can pause at any time to breathe and to listen before proceeding
- all notes should be soft and quiet throughout the piece
- all notes can be performed in any octave desired as long as they are still performed quietly
- there are always two notes written together, they can be performed together harmonically or melodically or the performer may choose just one note to perform; ignoring the second one.

- intervals can be inverted whenever desired. For example:  can also be 

- the notes or intervals can be performed in any number of ways. For example:



Score in C

Möbius

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Loop for X minutes, play notes in any octave

The musical score consists of ten staves, each labeled 'Strip A' through 'Strip I'. Each staff begins with a treble clef and a key signature of one flat (Bb). The notation is as follows:

- Strip A:** Notes at 00 (C4, D4), 20 (Bb3, C4), and 40 (C4, D4).
- Strip B:** Notes at 10 (C4, D4), 30 (Bb3, C4), and 50 (C#4, D#4).
- Strip C:** Notes at 00 (C4, D4), 15 (Bb3, C4), 30 (C#4, D#4), and 45 (C4, D4).
- Strip D:** Notes at 05 (C4, D4), 20 (Bb3, C4), 35 (Bb3, C4), and 50 (C4, D4).
- Strip E:** Notes at 10 (C4, D4), 25 (Bb3, C4), 40 (C#4, D#4), and 55 (C#4, D#4).
- Strip F:** Notes at 09 (C4, D4), 21 (Bb3, C4), 33 (Bb3, C4), 45 (C#4, D#4), and 57 (C4, D4).
- Strip G:** Notes at 06 (C4, D4), 18 (Bb3, C4), 30 (Bb3, C4), 42 (C#4, D#4), and 54 (C4, D4).
- Strip H:** Notes at 03 (C4, D4), 15 (Bb3, C4), 27 (Bb3, C4), 39 (C#4, D#4), and 51 (C#4, D#4).
- Strip I:** Notes at 00 (C4, D4), 12 (C4, D4), 24 (Bb3, C4), 36 (C#4, D#4), and 48 (C4, D4).

Strip J

02 12 22 32 42 52

Strip K

04 14 24 34 44 54

Strip L

06 16 26 36 46 56

Strip M

08 18 28 38 48 58

Strip N

07 15 23 31 39 47 55

Strip O

03 11 19 27 35 43 51

Strip P

01 09 17 25 33 41 49 57

Strip Q

04 10 16 22 28 34 40 46 52

Strip R

01 07 13 19 25 31 37 43 49 55

Score in C - Bass Clef

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Loop for X minutes, play notes in any octave

The musical score consists of nine staves, each labeled on the left (Strip A to Strip I) and featuring a bass clef. The staves contain musical notation with notes, rests, and bar lines. Time markers are placed above the staves at specific intervals.

- Strip A:** 00, 20, 40
- Strip B:** 10, 30, 50
- Strip C:** 00, 15, 30, 45
- Strip D:** 05, 20, 35, 50
- Strip E:** 10, 25, 40, 55
- Strip F:** 09, 21, 33, 45, 57
- Strip G:** 06, 18, 30, 42, 54
- Strip H:** 03, 15, 27, 39, 51
- Strip I:** 00, 12, 24, 36, 48

Score in C - Bass Clef

Strip J

02 12 22 32 42 52

Strip K

04 14 24 34 44 54

Strip L

06 16 26 36 46 56

Strip M

08 18 28 38 48 58

Strip N

07 15 23 31 39 47 55

Strip O

03 11 19 27 35 43 51

Strip P

01 09 17 25 33 41 49 57

Strip Q

04 10 16 22 28 34 40 46 52

Strip R

01 07 13 19 25 31 37 43 49 55

Score in C - Alto Clef

Möbius

loops for variable ensemble

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Loop for X minutes, play notes in any octave

The musical score consists of nine staves, each labeled 'Strip A' through 'Strip I'. Each staff begins with a C-alto clef and a repeat sign. The notes are represented by black dots on the staff lines, with some notes beamed together. Time markers in minutes are placed above the staves. The notes and their corresponding time markers are as follows:

- Strip A:** 00 (C4), 20 (Bb3), 40 (C4).
- Strip B:** 10 (C4), 30 (Bb3), 50 (C#4).
- Strip C:** 00 (C4), 15 (Bb3), 30 (C#4), 45 (C4).
- Strip D:** 05 (C4), 20 (Bb3), 35 (Bb3), 50 (C4).
- Strip E:** 10 (C4), 25 (Bb3), 40 (C#4), 55 (C#4).
- Strip F:** 09 (C4), 21 (Bb3), 33 (Bb3), 45 (C#4), 57 (C#4).
- Strip G:** 06 (C4), 18 (Bb3), 30 (Bb3), 42 (C#4), 54 (C4).
- Strip H:** 03 (C4), 15 (Bb3), 27 (Bb3), 39 (C#4), 51 (C#4).
- Strip I:** 00 (C4), 12 (C4), 24 (Bb3), 36 (C#4), 48 (C4).

Score in C - Alto Clef

Strip J

02 12 22 32 42 52

Strip K

04 14 24 34 44 54

Strip L

06 16 26 36 46 56

Strip M

08 18 28 38 48 58

Strip N

07 15 23 31 39 47 55

Strip O

03 11 19 27 35 43 51

Strip P

01 09 17 25 33 41 49 57

Strip Q

04 10 16 22 28 34 40 46 52

Strip R

01 07 13 19 25 31 37 43 49 55

The image displays a musical score for a piece titled 'Möbius' in C major, written for Alto Clef. The score is organized into nine horizontal strips, labeled J through R. Each strip begins with a treble clef and a key signature of one sharp (F#), indicating the key of C major. The notation includes various musical symbols such as notes, rests, and accidentals (sharps, flats, and naturals). Measure numbers are placed above the staff lines, indicating the progression of the music. The strips are arranged vertically, with Strip J at the top and Strip R at the bottom. The notation is consistent across all strips, suggesting a unified musical structure.

Score in B $\flat$

Möbius

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Loop for X minutes, play notes in any octave

The musical score consists of nine staves, each labeled on the left. Each staff begins with a treble clef and a key signature of one flat (B $\flat$). The staves contain musical notation with time markers above the notes. The notes are primarily dyads (pairs of notes) and some triads. The time markers are as follows:

- Strip A: 00, 20, 40
- Strip B: 10, 30, 50
- Strip C: 00, 15, 30, 45
- Strip D: 05, 20, 35, 50
- Strip E: 10, 25, 40, 55
- Strip F: 09, 21, 33, 45, 57
- Strip G: 06, 18, 30, 42, 54
- Strip H: 03, 15, 27, 39, 51
- Strip I: 00, 12, 24, 36, 48

Each staff ends with a double bar line and repeat dots (:||).

Score in B $\flat$

Strip J

02 12 22 32 42 52

Strip K

04 14 24 34 44 54

Strip L

06 16 26 36 46 56

Strip M

08 18 28 38 48 58

Strip N

07 15 23 31 39 47 55

Strip O

03 11 19 27 35 43 51

Strip P

01 09 17 25 33 41 49 57

Strip Q

04 10 16 22 28 34 40 46 52

Strip R

01 07 13 19 25 31 37 43 49 55

The musical score is written for a single melodic line across nine staves, each labeled 'Strip J' through 'Strip R'. The key signature is B-flat (one flat). The notation includes treble clefs, repeat signs at the beginning and end of each staff, and various note values (half notes, quarter notes, eighth notes, and sixteenth notes). Some notes are beamed together. The staves are arranged vertically, and the measure numbers are indicated above each staff.

Score in E $\flat$

Möbius

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Loop for X minutes, play notes in any octave

The musical score consists of ten staves, each representing a different 'strip' of the Möbius loop. Each staff begins with a treble clef and a key signature of one flat (B $\flat$). The notes are written as whole notes, and the staves are divided into measures by vertical bar lines. Time markers are placed above the staves to indicate specific points in the loop. The notes are as follows:

- Strip A:** 00 (C4, E4), 20 (C4, E4), 40 (F#4, A4)
- Strip B:** 10 (C4, E4), 30 (B3, D4), 50 (F#4, A4)
- Strip C:** 00 (C4, E4), 15 (C4, E4), 30 (B3, D4), 45 (B3, D4)
- Strip D:** 05 (C4, E4), 20 (C4, E4), 35 (B3, D4), 50 (F#4, A4)
- Strip E:** 10 (F#4, A4), 25 (B3, D4), 40 (B3, D4), 55 (F#4, A4)
- Strip F:** 09 (F#4, A4), 21 (B3, D4), 33 (B3, D4), 45 (F#4, A4), 57 (F#4, A4)
- Strip G:** 06 (C4, E4), 18 (C4, E4), 30 (B3, D4), 42 (B3, D4), 54 (B3, D4)
- Strip H:** 03 (F#4, A4), 15 (C4, E4), 27 (B3, D4), 39 (B3, D4), 51 (F#4, A4)
- Strip I:** 00 (C4, E4), 12 (C4, E4), 24 (C4, E4), 36 (F#4, A4), 48 (F#4, A4)

Strip J

02 12 22 32 42 52

Strip K

04 14 24 34 44 54

Strip L

06 16 26 36 46 56

Strip M

08 18 28 38 48 58

Strip N

07 15 23 31 39 47 55

Strip O

03 11 19 27 35 43 51

Strip P

01 09 17 25 33 41 49 57

Strip Q

04 10 16 22 28 34 40 46 52

Strip R

01 07 13 19 25 31 37 43 49 55

Score in G

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Loop for X minutes, play notes in any octave

The musical score consists of ten staves, each representing a different 'strip' of the Möbius loop. Each staff begins with a treble clef and a repeat sign. The notes are written in G major, with various accidentals (sharps, flats, naturals) indicating the pitch. The time markers are as follows:

- Strip A: 00, 20, 40
- Strip B: 10, 30, 50
- Strip C: 00, 15, 30, 45
- Strip D: 05, 20, 35, 50
- Strip E: 10, 25, 40, 55
- Strip F: 09, 21, 33, 45, 57
- Strip G: 06, 18, 30, 42, 54
- Strip H: 03, 15, 27, 39, 51
- Strip I: 00, 12, 24, 36, 48

Each staff ends with a double bar line and repeat dots.

Strip J

02 12 22 32 42 52

Strip K

04 14 24 34 44 54

Strip L

06 16 26 36 46 56

Strip M

08 18 28 38 48 58

Strip N

07 15 23 31 39 47 55

Strip O

03 11 19 27 35 43 51

Strip P

01 09 17 25 33 41 49 57

Strip Q

04 10 16 22 28 34 40 46 52

Strip R

01 07 13 19 25 31 37 43 49 55

The image displays a musical score for a piece titled 'Möbius' in G major. It consists of nine staves, each labeled 'Strip J' through 'Strip R'. Each staff contains a series of musical notes and rests, with measure numbers indicated above the staff. The notation includes treble clefs, key signatures of one sharp (F#), and various note values (quarter, eighth, and sixteenth notes). The staves are arranged vertically, and each strip ends with a double bar line and repeat dots. The notes are primarily G, A, B, and C, with some F# notes, reflecting the G major key signature.

Score in F

Möbius

loops for variable ensemble

Jordan Nobles

Loop for X minutes, play notes in any octave

The musical score consists of ten staves, each representing a different 'strip' of a Möbius loop. Each staff begins with a treble clef and a repeat sign. The notes are written in F major, with some flats indicating the key signature. The time markers are as follows:

- Strip A:** 00, 20, 40
- Strip B:** 10, 30, 50
- Strip C:** 00, 15, 30, 45
- Strip D:** 05, 20, 35, 50
- Strip E:** 10, 25, 40, 55
- Strip F:** 09, 21, 33, 45, 57
- Strip G:** 06, 18, 30, 42, 54
- Strip H:** 03, 15, 27, 39, 51
- Strip I:** 00, 12, 24, 36, 48

Each staff ends with a double bar line and repeat dots.

Strip J

02 12 22 32 42 52

Strip K

04 14 24 34 44 54

Strip L

06 16 26 36 46 56

Strip M

08 18 28 38 48 58

Strip N

07 15 23 31 39 47 55

Strip O

03 11 19 27 35 43 51

Strip P

01 09 17 25 33 41 49 57

Strip Q

04 10 16 22 28 34 40 46 52

Strip R

01 07 13 19 25 31 37 43 49 55

The image displays a musical score for a piece titled 'Möbius' in the key of F major. The score is organized into nine horizontal staves, each labeled 'Strip J' through 'Strip R'. Each staff contains a series of musical notes and rests, with measure numbers indicated above the staff. The notes are primarily eighth and quarter notes, often beamed together. The key signature is one flat (Bb), and the time signature is not explicitly shown but appears to be 4/4 based on the note values. The score concludes with a double bar line and repeat dots at the end of each staff.