

# Filter

For mixed chamber ensemble

By Jamie Howell

# Filter

By Jamie Howell - duration 7'

Instrumentation:

Flute  
Bass Clarinet in B $\flat$   
Bassoon  
Horn in F  
Violin  
Cello  
Piano

All players need to be able to see a stopwatch throughout the performance.

At the beginning of the piece, the musicians synchronise stopwatches; the score begins when the stopwatches reach 0:05. Boxed areas on the score indicate a time period, during which the player improvises within one of three pitch ranges indicated as high, middle and low; the transposed ranges for each instrument are given on the following page. The improvisation should also obey the performance direction:

- Hold - Play one or more notes from within the given range and hold it with no vibrato for the duration of the boxed area. The pianist should play one sound and allow it to sustain.
- Gliss. - Only play glissandi or quasi-glissandi within the given range.
- Staccato - Only play staccato within the given range. Violin and cello should play pizzicato.
- Loop - Loop a phrase using pitches from the given range.

All improvising should be continuous with no long pauses and all players should strive for a mezzo piano dynamic throughout. Where this dynamic is difficult, for instance in the high range of the horn, other aspects of the sound (such as tone and pitch stability) should be sacrificed in order to maintain the low volume. Any pitch in the indicated range may be played, including microtones.

	High	Middle	Low
Flute			
Bass Clarinet in Bb			
Bassoon			
Horn in F			
Piano			
Violin			
Cello			

# Filter - Flute part

by Jamie Howell

0:05      0:10      0:15      0:20      0:25      0:30      0:35      0:40      0:45      0:50      0:55

High

Middle

Low

Hold      Gliss.      Hold      Gliss.

1:00      1:05      1:10      1:15      1:20      1:25      1:30      1:35      1:40      1:45      1:50

Loop

1:55      2:00      2:05      2:10      2:15      2:20      2:25      2:30      2:35      2:40      2:45

loop (cont.)

Detailed description: This is a musical score for a Filter Flute part. It consists of three systems of staves. Each system has three staves: High, Middle, and Low. The first system covers the time range 0:05 to 0:55. The second system covers 1:00 to 1:50. The third system covers 1:55 to 2:45. Performance instructions are placed in boxes along the staves. In the first system, the Low staff has 'Hold' (0:05-0:15), 'Gliss.' (0:15-0:20), 'Hold' (0:20-0:25), and 'Gliss.' (0:25-0:35). The Middle staff has 'Gliss.' (0:35-0:45), 'Hold' (0:45-0:50), and 'Staccato' (0:50-0:55). In the second system, the Low staff has a 'Loop' instruction starting at 1:20. In the third system, the Low staff has a 'loop (cont.)' instruction starting at 1:55.

Filter - Flute

2:50

2:55

3:00

3:05

3:10

3:15

3:20

3:25

3:30

3:35

3:40

Loop

3:45

3:50

3:55

4:00

4:05

4:10

4:15

4:20

4:25

4:30

4:35

Staccato

Staccato

Hold

Hold

Gliss.

4:40

4:45

4:50

4:55

5:00

5:05

5:10

5:15

5:20

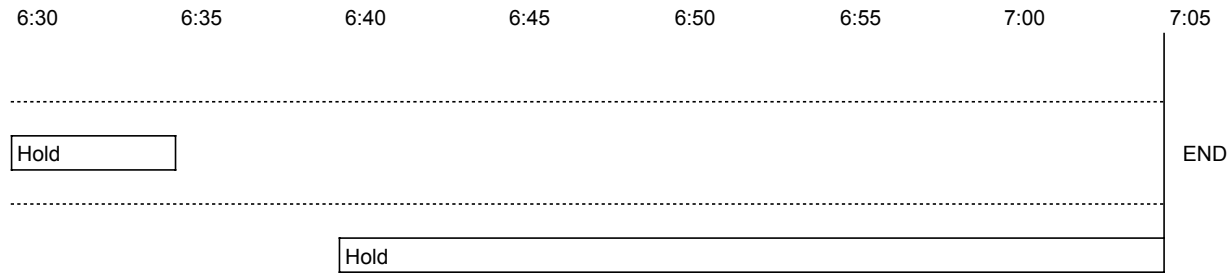
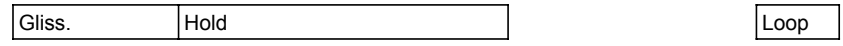
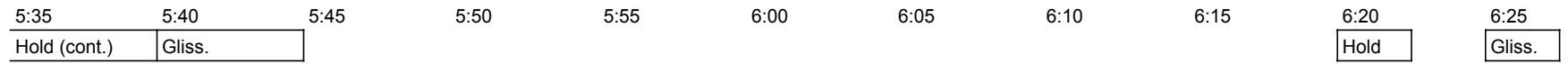
5:25

5:30

Hold

Staccato (cont.)

Filter - Flute



# Filter - Bass Clarinet/Bassoon

by Jamie Howell

0:05      0:10      0:15      0:20      0:25      0:30      0:35      0:40      0:45      0:50      0:55

High

Middle

Low

1:00      1:05      1:10      1:15      1:20      1:25      1:30      1:35      1:40      1:45      1:50

1:55      2:00      2:05      2:10      2:15      2:20      2:25      2:30      2:35      2:40      2:45

Staccato

Hold

Gliss.

Hold

Gliss.

Staccato (cont.)

Hold

Hold

Hold

Hold

Hold

Hold

Gliss.

Hold

Gliss.

Filter - Bass Clarinet/Bassoon

2:50      2:55      3:00      3:05      3:10      3:15      3:20      3:25      3:30      3:35      3:40

Loop

3:45      3:50      3:55      4:00      4:05      4:10      4:15      4:20      4:25      4:30      4:35

Hold

Staccato

Hold

Hold

Gliss.

4:40      4:45      4:50      4:55      5:00      5:05      5:10      5:15      5:20      5:25      5:30

Hold (cont.)

Staccato

Hold



Filter - Bass Clarinet/Bassoon

5:35      5:40      5:45      5:50      5:55      6:00      6:05      6:10      6:15      6:20      6:25

Gliss.

Loop

Gliss.      Hold

Loop

Hold (cont.)      Gliss.

Hold

6:30      6:35      6:40      6:45      6:50      6:55      7:00      7:05

Hold

Hold

END

# Filter - Cello/French Horn part

by Jamie Howell

High	0:05	0:10	0:15	0:20	0:25	0:30	0:35	0:40	0:45	0:50	0:55
							Gliss.		Hold	Staccato	
Middle	Hold		Gliss.	Hold		Gliss.					
Low											
	1:00	1:05	1:10	1:15	1:20	1:25	1:30	1:35	1:40	1:45	1:50
	1:55	2:00	2:05	2:10	2:15	2:20	2:25	2:30	2:35	2:40	2:45
							Hold	Gliss.	Hold	Gliss.	

Filter - Cello/French Horn

2:50

2:55

3:00

3:05

3:10

3:15

3:20

3:25

3:30

3:35

3:40

Loop

3:45

3:50

3:55

4:00

4:05

4:10

4:15

4:20

4:25

4:30

4:35

Staccato

Staccato

Hold

Hold

Gliss.

4:40

4:45

4:50

4:55

5:00

5:05

5:10

5:15

5:20

5:25

5:30

Staccato (cont.)

Hold

Filter - Cello/French Horn

5:35      5:40      5:45      5:50      5:55      6:00      6:05      6:10      6:15      6:20      6:25

Hold

Gliss.

Hold

Loop

Hold (cont.)

Gliss.

Hold

6:30

Hold

6:35

6:40

6:45

6:50

6:55

7:00

7:05

Hold

END

# Filter - Violin part

by Jamie Howell

0:05      0:10      0:15      0:20      0:25      0:30      0:35      0:40      0:45      0:50      0:55

High

Middle

Low

1:00      1:05      1:10      1:15      1:20      1:25      1:30      1:35      1:40      1:45      1:50

1:55      2:00      2:05      2:10      2:15      2:20      2:25      2:30      2:35      2:40      2:45

Hold      Gliss.      Hold      Gliss.

Loop

loop (cont.)

Gliss.

Filter - Violin

2:50

2:55

3:00

3:05

3:10

3:15

3:20

3:25

3:30

3:35

3:40

Loop

Staccato

3:45

3:50

3:55

4:00

4:05

4:10

4:15

4:20

4:25

4:30

4:35

Staccato

Hold

Hold

Gliss.

Gliss.

4:40

4:45

4:50

4:55

5:00

5:05

5:10

5:15

5:20

5:25

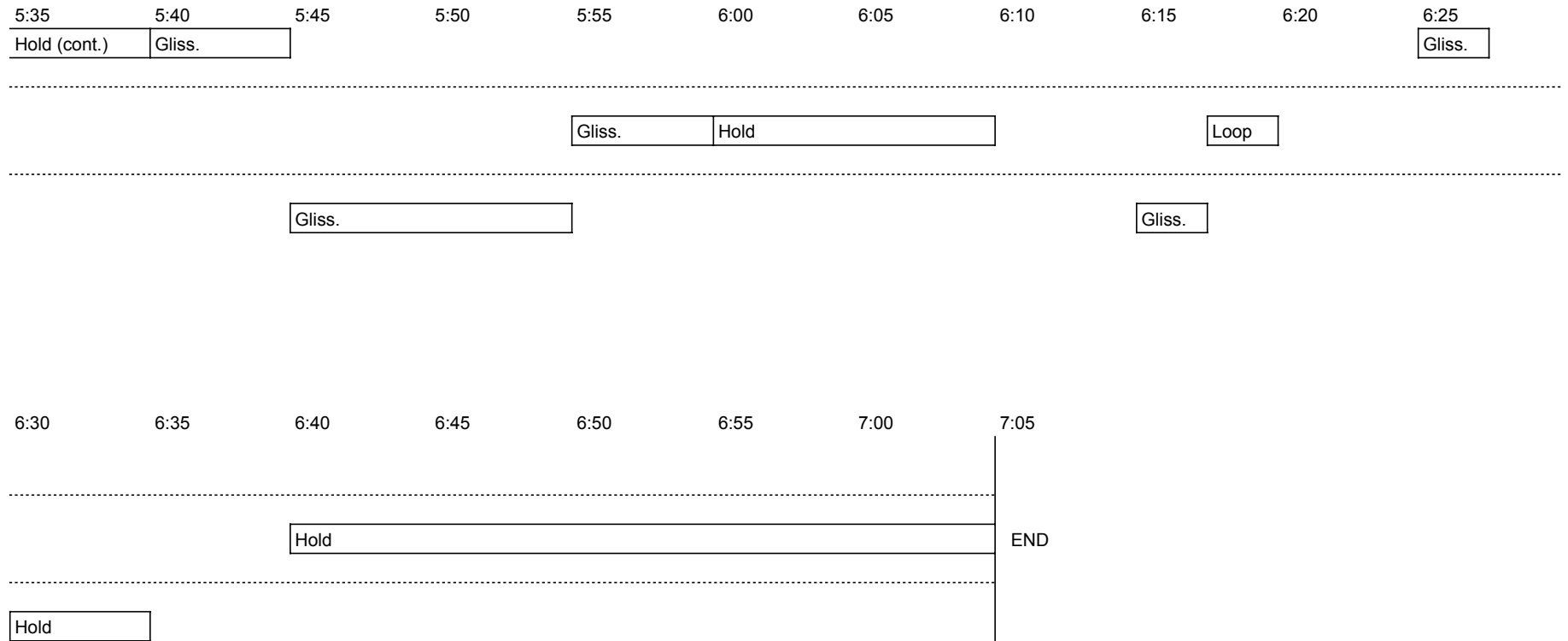
5:30

Hold

Gliss. (cont.)

Staccato

Filter - Violin



# Filter - Piano part

by Jamie Howell

The musical score is presented on three systems of staves, each with a vertical time axis on the left. The staves are labeled 'High', 'Middle', and 'Low' on the left side. The time axis is marked with 5-second intervals from 0:05 to 0:55 in the first system, 1:00 to 1:50 in the second, and 1:55 to 2:45 in the third. Performance techniques are indicated by rectangular boxes with text labels inside, spanning specific time intervals across the staves.

System	Staff	Technique	Start Time	End Time
1	Middle	Hold	0:05	0:15
	Middle	Gliss.	0:15	0:20
	Middle	Hold	0:20	0:25
	Middle	Gliss.	0:25	0:35
2	Middle	Staccato	1:00	1:20
3	Middle	Hold	2:00	2:10
Middle	Staccato	2:45	2:55	



Filter - Piano

2:50      2:55      3:00      3:05      3:10      3:15      3:20      3:25      3:30      3:35      3:40  
Loop

Loop

Staccato (cont.)

Loop

3:45      3:50      3:55      4:00      4:05      4:10      4:15      4:20      4:25      4:30      4:35  
Loop (cont.)      Staccato      Hold

Staccato

Hold

Hold      Gliss.

Loop (cont.)

Staccato

Hold

4:40      4:45      4:50      4:55      5:00      5:05      5:10      5:15      5:20      5:25      5:30  
Staccato      Hold

Staccato

Filter - Piano

