

# **ANIMUS**

For Flute, Clarinet, Violin, Cello, and Piano

**Chang Seok Choi**

*Animus* received the Honourable Mention at the 2015 CHENG-DU CHINA 11th SUN RIVER PRIZE Students' New Music Composition Competition.

*Animus* was selected the S.E.M. Ensemble 2016 Workshop of Reading and Performance of New Works for small ensemble.

### Performance

Emerging Composers Workshop 2016

Annual Reading of New Works by Emerging Composers

Willow Place Auditorium in Brooklyn Heights in New York on 9 February 2016 7:30 pm (Premiere)

S.E.M. Ensemble conducted by Petr Kotik

Roberta Michel, *Flute*

Carol McGonnell, *Clarinet*

Conrad Harris, *Violin*

Mariel Roberts, *Cello*

Joseph Kubera, *Piano*

Petr Kotik, *Conductor*

## Programme Notes

*Animus (Character) for Flute, Clarinet, Violin, Cello and Piano* (2015) is an expression of characteristics of the five different states that become each of the five movements respectively, i.e. Temporalis (Temporary), Chaos (Chaos), Segregationem (Isolation), Ordo (Order), and Aeternus (Eternal). This musical work moulds and sculptures tone colours and timbres, neutralising conventional thoughts on melody, harmony and rhythm through an athematic writing, an equilibrium of harmony, and a liquidation of rhythm. Most sounds register in two extreme ranges, low and high, and in the last movement *Aeternus*, there is a sound shift from the low to middle to high register, concealing the third harmonics (an octave and a perfect fifth above the fundamental). There is no relationship between movements except two shortest notes, i.e. a demisemiquaver and a semiquaver in a triplet. The whole piece is constructed on those two basic notes through Pascal's Triangle, Fibonacci number, numerical proportionalism and rhythmic cells. Therefore, there is no recognisable structure at all apart from a rhythmic mirror, especially in the third movement *Segregationem*. The entire piece follows an emotive path and a flow of tension. The first movement *Temporalis* expresses the quality of 'temporary' that is evanescent, amorphous, and active. The second movement *Chaos* expresses the quality of 'chaos' that is instable due to the absence of order. The third movement *Segregationem* expresses the quality of 'isolation' that is silent, solitary, and desolate. The fourth movement *Ordo* expresses the quality of 'order' that is stable due to the presence of order. The fifth movement *Aeternus* expresses the quality of 'eternal' that is static and ethereal. *Animus* sings of an unfailing hope for a new sound world despite the present sufferings and troubles.

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## Instrumentation

Flute (doubling Piccolo and Alto Flute in G)

Clarinet in B $\flat$  (doubling Bass Clarinet in B $\flat$ )

Violin

Cello

Piano

## Performance Notes

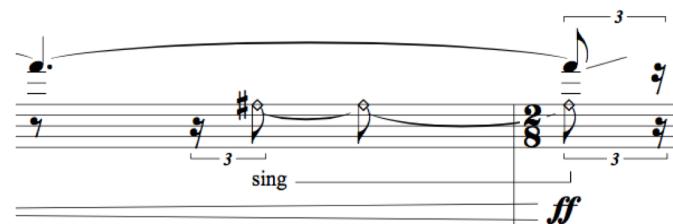
Performance directions are also written directly into the score where there is a need for an immediate explanation.

### Flute

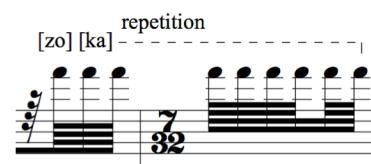
+ Tongue pizzicato (close in sound to string pizzicato); press the tongue against the teeth and puff short tones with the tongue.

x Crossed notehead; key slap without air at the fingered pitch

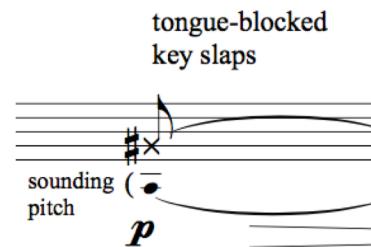
◊ Diamond notehead; breathy tone (clearly pitched)



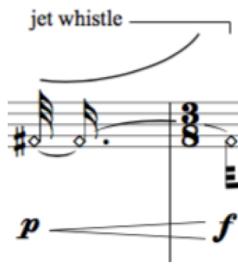
Singing while playing; where a diamond note is labelled *sing*, a pitch should be sung simultaneously. The use of the vowel 'u' is recommended for singing.



Beatboxing; finger the pitch and say syllables into the flute without vocalising. Get a hissing sound at the beginning except for the syllable [ka] and blow it. Each syllable has a different quality of sounds. For example, [za] has a hissing sound, [zo] has a hollower sound, [ka] has windy sound, and [ts] has a hi-hat-like sound.



Tongue-blocked key slaps; block the embouchure hole with the tongue and it sounds a major seventh below the fingered pitch.



Jet whistle; cover the embouchure and blow toward the wall inside the flute and start with low energy and increase the airspeed. The diamond notehead is the fingered pitch.

Headjoint

detach the headjoint from the instrument and play through the headjoint (approx. slow fluctuation of pitches)

Detach the headjoint from the instrument and play through the headjoint (approx. slow fluctuations of pitches).

N.B. Extended flute techniques used here are from Nicole Chamberlain's *Extended Flute Technique* on YouTube video and her website ([www.nikkinotes.com](http://www.nikkinotes.com)), and Mats Möller's *New Sounds for Flute* ([www.sfz.se](http://www.sfz.se)).

## Clarinet

+

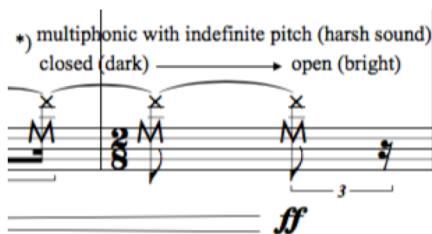
Slap tongue

x

Crossed notehead; key slap without air at the fingered pitch

◊

Diamond notehead; breathy tone (clearly pitched)



Multiphonic; produce dense chords with indefinite pitch indicated by crossed notehead. Since multiphonic can be produced in many ways by performers and instruments, it is best left to the performer.

Follow the instruction in the score for the character of sounds. For example, closed means somewhat dark quality of sounds with more lower partials, and open means somewhat bright quality of sounds with more higher partials.

N.B. For multiphonics, see Nicolas del Grazia's *Clarinet Multiphonics* (<http://www.clarinet-multiphonics.org/clarinet-multiphonics.html>), and E. Michael Richards' *The Clarinet of the Twenty-First Century* (<http://userpages.umbc.edu/~emrich/chapter3-3.html>).

## Violin & Cello

quasi chitarra

Pluck like a guitar; a violin player should hold the instrument like a guitar.

pizz. trem.

Play rapid pizzicati using more than one finger.

Excessive bow pressure

Produce scratching sound, unless otherwise indicated, e.g. almost scratching sound.

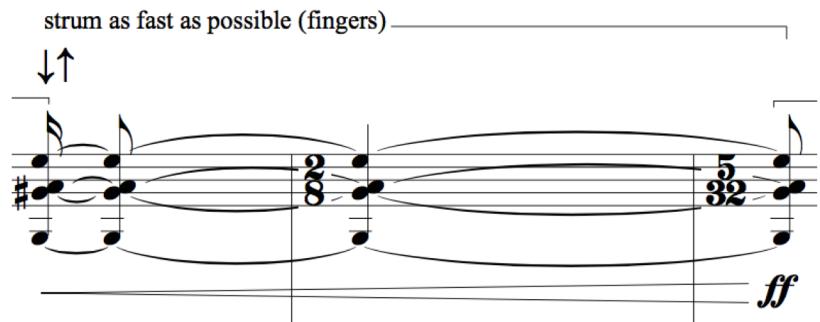


On the bridge

Tamburo  
strike the string toward  
the fingerboard with the  
side of the thumb

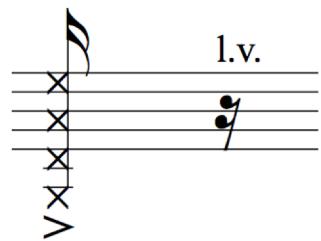


Tamburo; strike the string of given pitch toward the fingerboard with the side of the thumb.



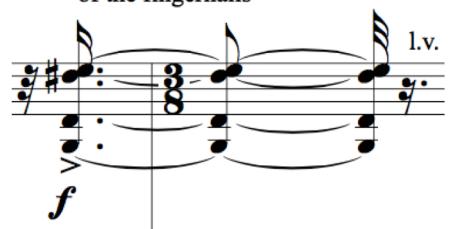
Strum as fast as possible with fingers.

slap strings  
with open palm



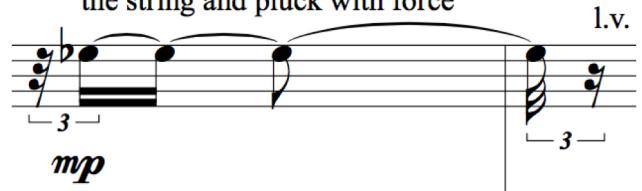
Slap strings with open palm.

Rasgueado  
strum with the back  
of the fingernails



Rasgueado; strum with the back of the fingernails.

buzz pizz.  
place the fingernail parallel to  
the string and pluck with force



buzz. pizz.; place the fingernail parallel to the string and pluck with force.

l.h.  
finger slap

*mf*

I.h. finger slap; the left hand slaps the given pitch on the string without the right hand bowing for a percussive effect.

quasi mandolino  
a single finger tremolo

*pp*      *pp*

quasi mandolino; a single finger tremolo for a percussive effect

slap  
belly

*3*

Slap belly with fingers or thumb.

knock  
side

*3*

**f**

Knock side with knuckles of fingers.

N.B. Some of techniques for Violin and Cello are inspired by techniques of guitar, and the same terminology for techniques of guitar is used.

## Piano

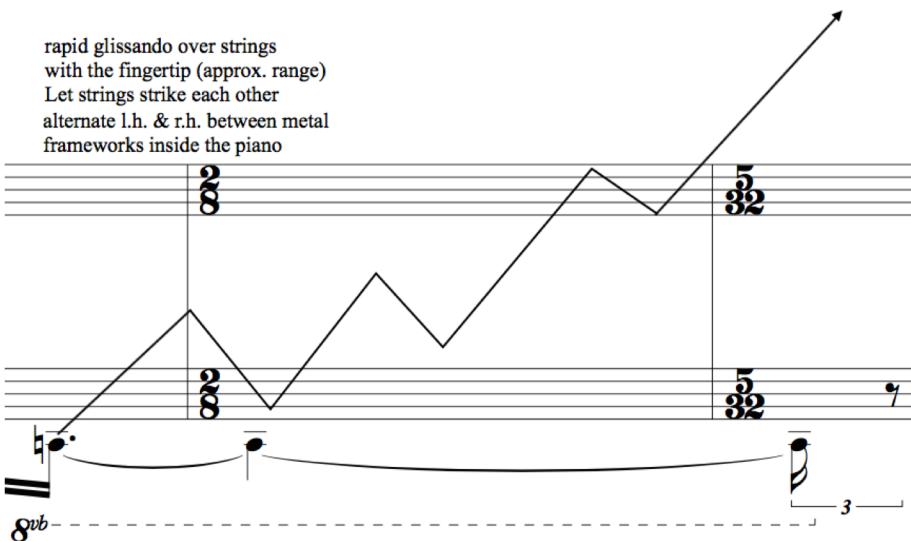
(#.) *g* lightly stop string to produce harmonic

1/2 release      fully release

*Ped.*

Pedal extension line; a vertical line indicates an immediate release to a release point and a diagonal line indicates a gradual release to a release point, especially to a full release point. Since 1/2 Pedal is approximate, release the pedal until the change of sounds is heard conspicuously.

rapid glissando over strings  
with the fingertip (approx. range)  
Let strings strike each other  
alternate l.h. & r.h. between metal  
frameworks inside the piano

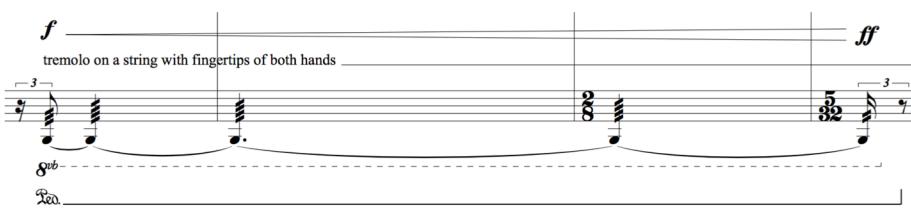


Rapid glissando over the strings with the fingertips (approx. range)  
Let strings strike each other.

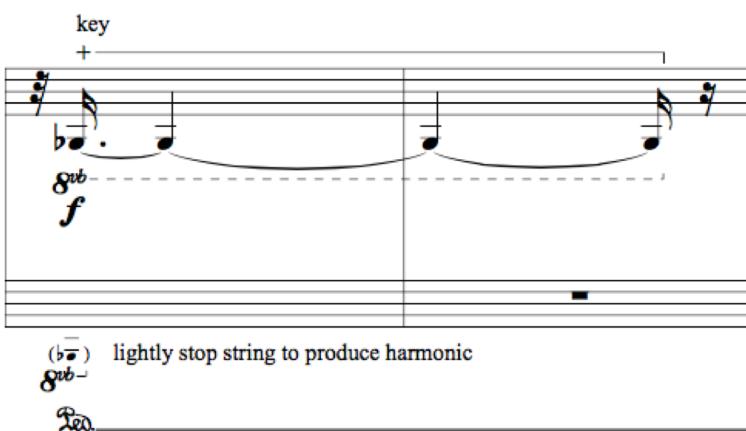
rapid glissando along  
the string of given pitch  
with the back of fingernail



Rapid glissando along the string of given pitch with the back of fingernail



Tremolo on a string with fingertips of both hands to create rumbling sounds



Lightly stop string to produce harmonic with one hand, usually the left hand unless otherwise indicated, and play the key with the other hand, usually the right hand. This technique applies to produce percussive effect in the piece by firmly stopping string.

pizz. (nail)

touch nodes at  
2nd partial

(•)

**pp**

pizz. (nail); touch nodes at 2nd partial and produce an octave higher than the plucked pitch.

ord. pizz.

damp

**f**

+ (plus sign); damp with a finger.

pluck the string of given pitch hard

pizz.

1.v.

**f**

**XX**

Pluck the string of give pitch hard to produce metallic and percussive sounds

depress key  
silently

**f**

**8b**

1/2 release

**XX**

Depress key silently with the right hand and play the key with the left hand

N.B. There is no fixed order for a performance. Each movement is self-contained and has no relations between movements. The recommended order for a performance, however, is the original order of the composition, i.e. Temporalis - Chaos - Segregationem - Ordo - Aeternus. Follow the instruction on a score to create distinctive tone colours and timbres in two extreme ranges, low and high.

This score is written at transposed pitch. Clarinet in B $\flat$  sounds a major second lower, Bass Clarinet in B $\flat$  sounds a major ninth lower, and Alto Flute in G sounds a perfect fourth lower than written. Piccolo sounds an octave higher than written.

Duration: Approx. 11'23"



# Animus

## I Temporalis

Duration: 1'54"

Chang Seok Choi

*evanescente ed espirando* ♩=72

Piccolo

Clarinet in B♭

Violin

Cello

Piano

Duration: 1'54"

*evanescente ed espirando* ♩=72

bend pitch 1/4 tone  
ord. bend pitch 1/4 tone

flz.

p < f

p

arco ord.

pizz.

fp

mf

p

f

pp

f

poco sul pont.  
flautando

pizz.

arco ord.

pp

f

depress key silently

1/2 release (approx.)

fully release

S sustain

S sustain

1/2 release



20

Picc. *pp*

B♭ Cl. *ord.* *mp* *p* *f* *pp* *pp*

Vln. *ord. sul pont.*  
*punta d'arco* *p* *pp* *pp* *ord.*

(sul pont.) *pizz. (nail)* *sul pont.* *arcō* *flautando* *pizz.* *f* *pp*

Vc. *p* *mp* *pp* *p* *pp*

Pno. *ord.* *mf* *key* *8va* *8vb* *f* *8va* *8vb* *key* *fully release* *1/2 release* *fully release*

*(8vb)* *fully release* *(1/2 8va)* *lighty stop string to produce harmonic* *8vb* *8va* *1/2 release* *fully release*

30

Picc. flz. f

B♭ Cl. flz. bend pitch 1/4 tone ord. f p

Vln. sul pont. ord. flautando ord. 8va- pp p pp

Vc. sul pont. arco ord. Excessive bow pressure (scratching sound) 8va- flautando ord. pp p pp

Pno. 30 ord. # f 8va- pp p 1/2 release fully release key + 8vb- pp 8vb- lightly stop string to produce harmonic

40

Picc. *p > pp* flz. ord.

B♭ Cl. ord. 3 *mf*

(sul pont.) jete bounce bow freely (8va) pizz. ord. l.v.

Vln. *mp* f

(sul pont.) al tallone Vc. *p* *pp* *fp* *> pp*

40 (+) ord. *f* key + (8vb) *pp* *pp* *8vb* lightly stop string to produce harmonic (Rd.) 1/2 release fully release Rd. 1/2 release fully release

## II. Chaos

Chang Seok Choi

Duration: 1'40"

**fuoco e feroce**  $\text{♩} = 100$

**Flute**: tongue pizz. + ord.  $\text{ff}$  jet whistle tongue pizz.

**Bass Clarinet**: slap tongue  $f$   $p$   $f$

**Violin**: sul pont.  $ff$  molto sul pont.  $8va$   $f$   $p$

**Cello**: sul pont. Excessive bow pressure (scratching sound) molto sul pont. ord.  $f$

**Piano**: keys  $8va$   $ff$  rapid glissando over strings with the fingertip (approx. range)  
Let strings strike each other within the low register metal framework  
 $8vb$   $f$   $8va$   $f$   $8vb$   $f$   $8va$   $f$

1/2 release (approx.) fully release

Fl. tongue pizz. + ord. flz. *f* *mf* *ff*

B. Cl. (slap tongue) *f* *ff* *ff*

Vln. (molto sul pont.) *(8va)* *f* Excessive bow pressure (scratching sound) *ff* *mf* *ff*

Vc. (molto sul pont.) *jete* *f* Excessive bow pressure (scratching sound) *ff* *pizz.* *arco* *ff* *f* *ff*

Pno. *f* *p* *f*

\*) If the C extension is not available, play the given pitch an octave higher than written.

Fl. (flz.) [za] ord. (8va) 23

B. Cl. flz. 3 slap tongue ord. 32 ff ff

Vln. (sul pont.) (col legno battuto) (jeté) 23 8va 3 arco ord. on the bridge (with string) normal bow pressure → Excessive bow pressure (scratching sound) pizz. l.v. 3 ff

Vc. (sul pont.) (col legno battuto) (jeté) pizz. l.v. arco ord. on the bridge (with string) 3 32 ff

Pno. (8va) 23 r.h. l.v. ff l.h. 3 8vb 1/2 release (approx.)

Pluck the two strings of given pitch hard and simultaneously with thumb to strike each other  
pizz. 4 l.v.  
ff rapid glissando over strings with the fingertip (approx. range)  
Let strings strike each other  
(Reo)

Headjoint  
detach the headjoint from the instrument and play through the headjoint (approx. slow fluctuation of pitches)

Fl. 29 *pp* flz. [za] ff cover the headjoint with the left hand play through the headjoint

B. Cl. ord. slap tongue + ord. slap tongue ord. ff

Vln. molto sul pont. arco ord. l.v. on the bridge I pp ff pizz. ord. ff

Vc. molto sul pont. ord. l.v. on the bridge I pp ff pizz. ord. ff

Pno. 29 8<sup>va</sup> rapid glissando over strings with the fingertip (approx. range) Let strings strike each other alternate l.h. & r.h. between metal frameworks inside the piano keys ff 8<sup>vb</sup> fully release (1/2 8<sup>va</sup>) 8<sup>vb</sup> ff 1/2 release (approx.)

(Headjoint) \_\_\_\_\_

(cover the headjoint) \_\_\_\_\_

Fl. 35 G.P. insert the headjoint into the body of the instrument

B. Cl. sotto voce

slap tongue

tongue pizz.

Vln. sul pont. arco

molto sul pont. pizz. (nail) arco ord.

Vc. (pizz.) sul pont. arco

molto sul pont. pizz. (nail)

Pno. 15<sup>ma-</sup>

fully release

(1/2  $\text{Reo}$ ) \_\_\_\_\_

fully release

$\text{Reo}$  \_\_\_\_\_

$\text{Reo}$  \_\_\_\_\_

Fl. tongue pizz. flz. 8va  
45 p f fp f ord. flz. tongue pizz. rit. ord.  
(slap tongue) 3 ord. flz. 3 ord. 3 ff  
B. Cl. mp f fp f f ff  
(sul pont.) molto sul pont. 8va  
Vln. mf fp mf f ff pp  
pizz. ord. arco  
Vc. p fp mf f ff pp  
(8va) f ff 8vb  
Pno. (8va) f ff 8vb  
(8va) f  
rit.

*a tempo*

Fl. 54

B. Cl. slap tongue **ff**

Vln. molto sul pont. **pp** **ppp**

Vc.

Pno. 54 **f ff** **pp** **ff** rapid glissando along the string of given pitch with the back of fingernail rapid glissando over strings with the fingertip (approx. range) Let strings strike each other within the low register metal framework inside the piano **p** **ff** 1/2 release (approx.) fully release

**ff**

Musical score page 24, featuring five staves:

- Fl.**: Treble clef, 3/8 time. Dynamics: *f*, *ff*.
- B. Cl.**: Treble clef, 3/8 time. Dynamics: *pp*, *ff*. Articulation: *ord.*
- Vln.**: Treble clef, 3/8 time. Dynamics: *molto sul pont.*
- Vc.**: Bass clef, 3/8 time. Dynamics: *pp*, *f*, *ff*.
- Pno.**: Treble and bass staves, 3/8 time. Dynamics: *ff*. Articulation: *keys*, *ord.*, *8vb*, *ped.*

### III. Segregationem

Chang Seok Choi

Duration: 3'07"

\*) Pluck like a guitar

(vib. norm.) → molto vib. → vib. norm.  
breathy ord.

A. Fl. 10

sotto voce  
breathy (clearly pitched) ord. breathy  
breathy ord.

B♭ Cl. 10

sul pont. pizz.  
Tamburo I strike the strings toward the fingerboard with the side of the thumb II

Vln. 10

sul pont. pizz. ord. pizz. (nail)  
I l.v. II

Vc. 10

rapid glissando along the string of given pitch with the back of fingernail  
pizz. 8va- l.v.

Pno. 10

rapid glissando along the string of given pitch with the back of fingernail  
pizz. 8va- l.v. l.v.

A. Fl.

B♭ Cl.

Vln.

Vc.

Pno.

\*) multiphonic with indefinite pitch (harsh sound)  
closed (dark) → open (bright)

\*) multiphonic (harsh sound)  
closed (dark) →

(sul pont.) (8va)  
l.v.

Tamburo  
strike the string toward  
the fingerboard with the  
side of the thumb

strum as fast as possible (fingers)

↑

3

ff

sul pont.  
pizz.

8va -

strum as fast as possible (fingers)

↑

3

ff

pp

strum as fast as possible (fingers)

↑

3

ff

pp

strum as fast as possible (fingers)

↑

3

ff

pp

f

tremolo on a string with fingertips of both hands

8vb

8va

ff

pp

ff

ord.

ord.

ff

ff

\*) Produce dense chords with indefinite pitch

A. Fl.

(8va) key slap without air rit. a tempo vib. norm. → molto vib. vib. norm. bend pitch 1/4-tone poco vib. bend pitch 1/4-tone molto vib.

B♭ Cl.

(multiphonic) open (bright) key slap without air pp sotto voce vib. norm. → molto vib. vib. norm. bend pitch 1/4-tone poco vib. bend pitch 1/4-tone molto vib. vib. norm.

Vln.

Tamburo strike the strings toward the fingerboard with the side of the thumb (strum) ff sul pont. pizz. ord. pizz. trem.

Vc.

Tamburo strike the strings toward the fingerboard with the side of the thumb (strum) ff sul pont. pizz. ord. pizz. trem.

Pno.

keys + 8vb pp (8vb) firmly stop string to produce percussive effect 1/2 release fully release (8vb) firmly stop string to produce percussive effect 8vb (8vb)

\*) Short pause



45 A. Fl. *breathy*  
B♭ Cl. *breathy* *ord.* *breathy* *ord.* *breathy*  
Vln. *sul pont.* *pizz.* *secco* *f*  
Vc. *sul pont.* *(pizz.)* *mute* *pizz.* *secco* *sul pont.* *(pizz.)* *secco* *mf* *p*  
Pno. *rapid glissando along the string of given pitch with the back of fingernail* *l.v.* *mf* *pizz. ord.* *damp* *l.v.* *key* *+ 8va* *l.v.* *mf* *p* *8vb* *f* *pluck the string of given pitch hard pizz. l.v.* *f* *(8va)* *mute a string between pins and dampers* *8vb* *pins and dampers*

A. Fl.

(breathy) ord. breathy ord. rit. breathy

B♭ Cl.

sotto voce breathy ord. breathy

Vln.

buzz pizz.  
place the fingernail parallel to  
the string and pluck with force l.v. sul pont.  
pizz. (pizz.) l.v.

Vc.

pizz. ord.  
non arpeggiando l.v. sul pont.  
pizz. (nail) l.v. buzz pizz.  
place the fingernail parallel to  
the string and pluck with force l.v. sul pont.  
pizz. ord. l.v.

Pno.

pizz. 15<sup>ma-</sup> rapid glissando along  
the string of given pitch  
with the back of fingernail l.v. 15<sup>ma-</sup> rapid glissando along  
the string of given pitch  
with the back of fingernail l.v.

## IV Ordo

Chang Seok Choi

Duration: 2'06"

declamando ed energico deciso passionato ♩ = 70

Musical score for orchestra and piano, page 10, measures 11-16.

**Flute:** dynamic **f**, slurs.

**Clarinet in B<sub>b</sub>:** dynamic **f**, **fp**, **pp**, **f**, **pp**, **f**, **f**, **flz.**

**Violin:** **pizz.**, **f**, **pp**, **sul pont. arco**, **I**, **(o)**, **f**, **f**, **sul pont.**

**Cello:** **pizz.**, **slap belly**, **f**, **knock side**, **f**, **f**, **sul pont. arco ord.**, **II**, **f**.

**Piano:** **pp**, **f**, **3**, **8<sup>vb</sup>**, **1/2 release (approx.)**, **fully release**, **8<sup>vb</sup>**, **f**.

Fl. (8va) - ord. *fp* <*f*

B♭ Cl. ord. *f* *fp* *pp* *ppp* sotto voce

Vln. (sul pont.) pizz. *secco* slap strings with open palm l.v. Sul G arco ord. l.h. finger slap *mf*

Vc. (sul pont.) pizz. I secco knock side *pp* *f*

Pno. key *f* *pp* *f* *pp* *f*

(Ric.) 1/2 release firmly stop string to produce percussive effect *Ric.*

Fl. tongue pizz. + *ord.* flz. *allargando*

B♭ Cl. slap tongue + *ord.* flz. *allargando*

Vln. sul pont. flautando III *ord.* *allargando*

Vc. col legno battuto arco ord. *allargando*

Pno. key + *ord.* *allargando*

mute the strings between pins and dampers

Fl. (allargando) - - - - lunga a tempo

B♭ Cl. lunga + slap tongue f

tongue pizz. + 3 ord.

Vln. (8va) lunga pp f

Vc. lunga pizz. arco 3 pp f l.v. I sul pont. IV sul pont.

Pno. (8va) (8va) (8va) key + lunga f firmly stop string to produce percussive effect 8vb ord. 8vb loco 15ma pp

Musical score for orchestra and piano, page 27, measures 27-32.

**Flute (Fl.)**

- tongue pizz. + flz. (Measure 27)
- ord. (Measure 28)
- breathy ord. (Measure 29)
- breathy (Measure 30)
- tongue pizz. (Measure 31)

**B♭ Clarinet (B♭ Cl.)**

- slap tongue + flz. (Measure 27)
- ord. (Measure 28)
- breathy ord. (Measure 29)
- breathy (Measure 30)
- slap tongue (Measure 31)

**Violin (Vln.)**

- (sul pont.) (I) (Measure 27)
- 8va (Measure 28)
- p (Measure 29)
- pp (Measure 30)
- pizz. l.v. (Measure 31)

**Cello (Vc.)**

- secco (Measure 27)
- knock side (Measure 28)
- l.h. finger slap (Measure 30)
- slap belly l.v. (Measure 31)

**Piano (Pno.)**

- keys + (Measure 27)
- 8vb f (Measure 31)
- firmly stop string to produce percussive effect (Measure 32)

*poco a poco rit.*

35

Fl.

B♭ Cl.

Vln.

Vc.

Pno.

\*) tongue-blocked  
key slaps

sounding pitch

*p*

*pp*

*molto sul pont.*

15<sup>ma</sup>

*f*

*fp*

*ppp*

35

8<sup>va</sup>

3

(8<sup>bb</sup>)

(8<sup>a</sup>)

\*) Block the embouchure hole with the tongue. The sounding pitch is a major seventh below the fingered pitch.

## V Aeternus

Duration: 2'43"

Chang Seok Choi

**con calma e pacificamente** ♩ = 54

**Piccolo**

breathy ord.      breathy      flz.      poco vib.      molto vib.      vib. norm.

**Bass Clarinet**

sotto voce      flz.      ord.      breathy      flz.      ord.

**Violin**

sul pont.      quasi mandolino — a single finger tremolo      sul tasto arco ord.

**Cello**

sul pont.      quasi mandolino — a single finger tremolo      pizz. (nail) l.v.      flautando arco      pizz. (nail)      sul tasto arco      ord.

**Piano**

pizz. (nail) touch nodes at 8th partial      keys      keys  
key      firmly stop string to produce percussive effect      1/2 release  
firmly stop string to produce percussive effect      fully release

8

Picc. *breathy* *ord.* *flz.*

B. Cl. *sotto voce* *flz.* *ord.* *breathy* *ord.*

Vln. *buzz pizz.*  
place the fingernail parallel to  
the string and pluck with force

*sul pont.* *arco ord.* *flautando*

*sul G* *sul tasto* *Extreme bow pressure*  
(almost scratching sound)

Vc. *pizz.* *arco change bow freely* *sul tasto* *Extreme bow pressure*  
(almost scratching sound)

Pno. *depress keys*  
silently

*fully release*

This image shows a page from a musical score for orchestra and piano, specifically page 18, measures 18 through 25. The score includes parts for Picc., B. Cl., Vln., Vc., and Pno. The instrumentation and dynamics are as follows:

- Picc. (Piccolo):** Tongue pizz. (Measure 18), mf (Measure 19), f (Measure 20), ord. (Measure 21), p (Measure 22), mp (Measure 23), mf (Measure 24), mp < f (Measure 25).
- B. Cl. (Bass Clarinet):** breathy ord. (Measure 18), slap tongue (Measure 19), ord. (Measure 20), p (Measure 21), mp (Measure 22), mf (Measure 23), mp < f (Measure 24).
- Vln. (Violin):** Extreme bow pressure (almost scratching sound) pizz. (Measure 18), sul pont. arco ord. change bow freely (Measure 19), p (Measure 20), mp (Measure 21), mf (Measure 22), pp (Measure 23), f (Measure 24), sul pont. (Measure 25).
- Vc. (Cello):** change bow freely (Measure 18), f (Measure 19), p (Measure 20), mp (Measure 21), mf (Measure 22), mp < f (Measure 23), f (Measure 24), ord. (Measure 25).
- Pno. (Piano):** Measures 18-24 show various dynamic markings (p, mp, mf, pp, f) corresponding to the strings. Measures 25 begin with a dynamic of 3 (Measure 25), followed by a sustained note with Sost. Ped. (Measure 26).

**Picc.** tongue pizz.  
breathy ord.  
**B. Cl.** slap tongue  
breathy ord.  
sotto voce flz.  
secco  
**Vln.** 8va ord.  
fp  
molto sul pont.  
**Vc.** Extreme bow pressure (almost scratching sound)  
buzz pizz.  
place the fingernail parallel to the string and pluck with force  
pizz. ord.  
l.v.  
**Pno.** 8va  
key  
15ma  
una corda  
firmly stop string to produce percussive effect  
(Sost. Ped.)



48

Picc. *rit.* ord. *breathy*

B. Cl.

Vln. *poco a poco dim.* *lunga*

Vc. I

Pno.