

GOD'S BREATH

FOR ORGAN AND COMPUTER

**COMMISSIONED BY RIKSKONSERTER/CONCERTS SWEDEN
TO HAMPUS LINDWALL**

STEFAN KLAVERDAL

© 2008

First performed by Hampus Lindwall
in Paris 2008

About the piece

This piece recomposed itself several times. What became two parts began as one, and the structure was different to begin with. It also turned out to be a piece about the creating and – maybe – creative god. The first part is on a superficial level about the creation as depicted in the Bible with the title referring to when God gave life to man, and in the second part resting after the creation of the whole world.

However, on a more profound level it is about the breath of God being the Holy Spirit, and also about the breath of God actually being the breath of man, since (as some view it) God lives in all of us, and simply by breathing we can come closer to the part of us that is God.

In a sense it is actually also about the creative process. I struggled with the piece, and it somehow reflects my struggles and – I imagine – how art and music is created for many artists. It is a hard work, and as you wrestle with the material during the process you start to first despair, and then you find something to hold on to and in the end you first become exalted and you lean back feeling satisfied...

First performed by Hampus Lindwall June 8th 2008 in Saint-Esprit, Paris.

Technical requirements

This piece requires a pedal (or key) on the organ prepared either with a piece of paper or a removed pipe, applied to the pipe so that it will produce only (white) noise, not necessarily a low frequency noise. No audible pitch may be heard.

It is notated with an x, on low e, but it may be any key as long as it doesn't interfere with the normal playing. A version of the electronics exists where the part is replaced with electronic sounds.

The electronic part is possible to play from a CD, but a more complex part is also available for computer.

To play the computer part, the patch for MAX/MSP is needed from the composer.
It is mostly self-sufficient, and will guide the player through the performance.

One will also need a computer capable of running the MAX/MSP runtime environment.
The patch is only tested on Apple computers, and will run nicely on a G4 867MHz.
A soundcard with one in and two out is also needed. It has to be set to very low latency.

Other equipment:

A PA-system with two smaller speakers (Genelec 1029 or equivalent) to be placed rather close to the organ.

A microphone for the organ connected to the soundcard

More information and the computer programming can be obtained from
www.stefanklaverdal.com

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Score and parts can be ordered from www.mic.stim.se

Commissioned by Rikskonserter / Concerts Sweden to Hampus Lindwall

God's Breath

part one: the creating god

Stefan Klaverdal

...and there was evening, and there was morning

in tempo $\text{♩} = 80$ ($\text{♩} = 120$)

Musical score for Organ and Computer. The score consists of two systems of music. The first system starts with a rest in common time (G clef, 8th note), followed by a measure in 12/8 time (Bass clef, 8th note). The organ part has a dynamic marking SW *mf* with a bracket <>. The second system begins in 12/8 time (Bass clef, 8th note) with a dynamic *ff*. The organ part has a dynamic SW *mf* with a bracket <>. The computer part consists of eighth-note patterns.

Musical score for Organ and Computer. The score consists of three systems of music. The first system starts with a dynamic *ff*. The organ part has a dynamic SW *mf* with a bracket <>. The second system begins with a dynamic *ff*. The organ part has a dynamic SW *mf* with a bracket <>. The third system begins with a dynamic *ff*. The organ part has a dynamic SW *mf* with a bracket <>. The computer part consists of eighth-note patterns.

11

Org.



C.

17

Org.

accentuate lower part (play on different manual)!

C.

play both on a powerful manual!

32+16'

22

Org.

C.

25

26

Org.

C.

29

Let there be an expanse...

30

Org.

HW
ff
sim.

sim.

C.

34

Org.

12

12

34

C.

12

38

Org.

This musical score page contains four systems of music. The first system (measures 38-42) features the organ (Org.) in G major, 12/8 time, with a treble clef on the top staff and a bass clef on the bottom staff. The organ part consists of eighth-note patterns. The second system (measures 38-42) features the choir (C.) in G major, 12/8 time, with a treble clef on the top staff and a bass clef on the bottom staff. The choir part includes sustained notes and eighth-note chords. The third system (measures 38-42) is a blank staff for the bassoon. The fourth system (measures 42-46) continues the organ and choir parts, with the organ maintaining its eighth-note patterns and the choir continuing its eighth-note chords. Measure numbers 42 and 46 are indicated above the staves.

C.

42

Org.

C.

42

45

Org.

This musical score page contains four systems of music. The first system, labeled 'Org.', consists of two staves: treble and bass. The second system, labeled 'C.', consists of two staves: soprano and bass. The third system, also labeled 'Org.', consists of two staves: treble and bass. The fourth system, labeled 'C.', consists of two staves: soprano and bass. Measure 45 starts with eighth-note chords in both organs. Measure 46 begins with sustained notes followed by eighth-note chords. Measure 47 features sustained notes with eighth-note chords. Measure 48 concludes with eighth-note chords. The vocal parts provide harmonic support with sustained notes and eighth-note chords.

45

Org.

C.

48

Org.

C.

51

Org.

C.

51

52

53

54

And it was so.

<- ♩ = ♩ -> (♩ = 120)

fff

sw p

Org.

C.

Musical score for organ and cello, measures 59-66.

Measure 59: Organ (Org.) has a sustained note on the first beat, followed by a rest. Cello (C.) plays eighth-note pairs. Measure ends with a repeat sign and two endings. Ending 1 continues with eighth-note pairs. Ending 2 begins with a sustained note on the first beat, followed by a rest. Cello continues with eighth-note pairs.

Measure 66: Organ (Org.) has a sustained note on the first beat, followed by a rest. Cello (C.) plays eighth-note pairs. Measure ends with a repeat sign and two endings. Ending 1 continues with eighth-note pairs. Ending 2 begins with a sustained note on the first beat, followed by a rest. Cello continues with eighth-note pairs.

Musical score for organ and cello, measures 72-78.

Measure 72: Organ (Org.) has a melodic line with eighth-note pairs and sixteenth-note patterns. Cello (C.) provides harmonic support with sustained notes and eighth-note chords.

Measure 73: Organ rests. Cello continues harmonic support.

Measure 74: Organ begins a new melodic line with eighth-note pairs. Cello provides harmonic support.

Measure 75: Organ rests. Cello continues harmonic support.

Measure 76: Organ begins a new melodic line with eighth-note pairs. Cello provides harmonic support.

Measure 77: Organ rests. Cello continues harmonic support.

Measure 78: Organ has a melodic line with eighth-note pairs and sixteenth-note patterns. Cello provides harmonic support.

83

Org.

C.

88

Org.

C.

93

Org.

This musical score page contains two systems of music. The top system, labeled 'Org.', begins at measure 93. It features two staves: a treble staff with a key signature of one sharp (F#) and a bass staff with a key signature of one sharp (F#). The organ part consists of eighth-note patterns with various slurs and grace notes. The bottom system, labeled 'C.', begins at measure 93. It also has two staves: a treble staff with a key signature of one sharp (F#) and a bass staff with a key signature of one sharp (F#). The cello part consists of eighth-note chords. Both systems continue into measure 98, where the organ part features eighth-note patterns with slurs and grace notes, and the cello part consists of eighth-note chords.

93

C.

98

Org.

98

C.

102

This musical score page shows measures 102 through 106 for two instruments: Organ (Org.) and Cello (C.). The key signature is A major (two sharps). The organ part consists of a treble clef staff with a sharp sign and a bass clef staff with a sharp sign. The cello part consists of a treble clef staff with a sharp sign and a bass clef staff with a sharp sign. Measure 102 starts with the organ playing eighth-note pairs in the treble and bass staves, followed by the cello playing eighth-note pairs in the bass staff. Measures 103-104 show the organ playing eighth-note pairs in the treble staff, with the cello providing harmonic support in the bass staff. Measures 105-106 show the organ playing eighth-note pairs in the treble staff, with the cello providing harmonic support in the bass staff.

This page continues the musical score from measure 102. The organ (Org.) and cello (C.) parts are shown in their respective treble and bass staves. The organ part maintains its eighth-note pair patterns, while the cello part provides harmonic support with sustained notes and eighth-note pairs.

106

This page continues the musical score from measure 102. The organ (Org.) and cello (C.) parts are shown in their respective treble and bass staves. The organ part maintains its eighth-note pair patterns, while the cello part provides harmonic support with sustained notes and eighth-note pairs.

This page continues the musical score from measure 102. The organ (Org.) and cello (C.) parts are shown in their respective treble and bass staves. The organ part maintains its eighth-note pair patterns, while the cello part provides harmonic support with sustained notes and eighth-note pairs.

Musical score for organ and cello, measures 110-114.

Measure 110: The organ (Org.) part consists of sustained notes on the G4, A4, and B4 strings, with dynamic *f*. The cello (C.) part features eighth-note patterns on the C2, D2, E2, and F2 strings.

Measure 114: The organ (Org.) part begins with a dynamic *mp sub.*, followed by eighth-note patterns on the G4, A4, and B4 strings. The cello (C.) part continues with eighth-note patterns on the C2, D2, E2, and F2 strings.

...to give light on the earth
unmeasured in tempo $\bullet = 120$

120

Org.

C.

20 sec

UPBEAT (4 beats)

Computer solo

124

p

Org.

C.

Be fruitful and increase in numbers...

<- ♩ = ♩ -> ♩ = 80 (♩ = 120)

Org.

Musical score for Organ (Org.) and Cello (C.) starting at measure 129. The score consists of two systems of music. The first system starts with a rest followed by a bass note, then changes to common time (♩ = 80) with a dynamic of *mf*. The second system continues in common time. The organ part features sustained notes and eighth-note patterns, while the cello part has eighth-note patterns. Measure 129 ends with a fermata over the organ's eighth-note pattern.

C.

Continuation of the musical score for Organ (Org.) and Cello (C.) from measure 129. The organ part continues with eighth-note patterns, and the cello part maintains its eighth-note patterns. The key signature changes to one sharp (F# major).

Org.

Musical score for Organ (Org.) and Cello (C.) starting at measure 133. The organ part begins with sixteenth-note patterns, followed by eighth-note patterns. The cello part also has eighth-note patterns. The key signature changes to one sharp (F# major).

C.

Continuation of the musical score for Organ (Org.) and Cello (C.) from measure 133. The organ part continues with eighth-note patterns, and the cello part maintains its eighth-note patterns. The key signature changes to one sharp (F# major).

136

Org.

C.

136

138

cresc. poco a poco

Org.

C.

138

Musical score for organ and choir, page 20. The score consists of two systems of music.

System 1 (Measures 140-141):

- Organ (Org.):** The top staff features a treble clef and a key signature of one sharp. It consists of two staves: a soprano staff with sixteenth-note patterns and a bass staff with eighth-note patterns. The bass staff includes dynamic markings *f*, *d.*, and *p.*
- Choir (C.):** The bottom staff features a bass clef and a key signature of one sharp. It consists of two staves: a soprano staff with eighth-note patterns and a bass staff with sixteenth-note patterns.

System 2 (Measures 142-143):

- Organ (Org.):** The top staff features a treble clef and a key signature of one sharp. It consists of two staves: a soprano staff with sixteenth-note patterns and a bass staff with eighth-note patterns.
- Choir (C.):** The bottom staff features a bass clef and a key signature of one sharp. It consists of two staves: a soprano staff with eighth-note patterns and a bass staff with sixteenth-note patterns. A fermata symbol is placed above the soprano staff.

Musical score for organ and cello, measures 144-146.

The score consists of two systems of music. The top system is for the organ (Org.) and the bottom system is for the cello (C.). Both systems are in common time and major key.

Measure 144:

- Organ (Org.):** The treble staff features eighth-note patterns with grace notes and slurs. The bass staff features eighth-note patterns with slurs.
- Cello (C.):** The treble staff has eighth-note patterns. The bass staff has sixteenth-note patterns.

Measure 146:

- Organ (Org.):** The treble staff has eighth-note patterns. The bass staff has eighth-note patterns.
- Cello (C.):** The treble staff has eighth-note patterns. The bass staff has sixteenth-note patterns.

148

Org.

This musical score consists of two systems of music. The top system, labeled 'Org.', features a treble clef and a bass clef, both in G major (one sharp). It contains two staves: the upper staff has sixteenth-note patterns with grace notes, and the lower staff has eighth-note patterns. The bottom system, labeled 'C.', features a treble clef and a bass clef, also in G major (one sharp). It contains two staves: the upper staff has sixteenth-note patterns with grace notes, and the lower staff has eighth-note patterns. Measure 148 begins with the organ's treble staff. Measure 150 begins with the organ's bass staff, followed by the choir's treble staff, and then the choir's bass staff.

150

Org.

C.

152

Org.

C.

155

Org.

C.

Musical score for organ and choir, measures 158-160.

The score consists of two systems of music. The top system is for the organ (Org.) and the bottom system is for the choir (C.).

Measure 158:

- Organ (Org.):** The treble staff shows a continuous eighth-note pattern with grace notes. The bass staff shows a steady eighth-note pulse.
- Choir (C.):** The treble staff has quarter note pulses. The bass staff has sustained notes.

Measure 160:

- Organ (Org.):** The treble staff features eighth-note patterns with grace notes. The bass staff shows a steady eighth-note pulse.
- Choir (C.):** The treble staff has quarter note pulses. The bass staff has sustained notes.

162

Org.

C.

...and let them rule

<- $\text{♩} = \text{♪} ->$ ($\text{♩} = 120$)

164

Org.

C.

Musical score for organ and choir, measures 167-171.

The score consists of two systems of music. The top system is for the organ (Org.) and the bottom system is for the choir (C.).

Measure 167:

- Organ (Org.):** Treble clef, key signature of one sharp (F#). The melody consists of eighth-note pairs followed by quarter notes. The bass part consists of sustained chords.
- Choir (C.):** Bass clef, key signature of one sharp (F#). The melody consists of sustained notes.

Measure 171:

- Organ (Org.):** Treble clef, key signature of one sharp (F#). The melody consists of eighth-note pairs followed by quarter notes. The bass part consists of sustained chords.
- Choir (C.):** Bass clef, key signature of one sharp (F#). The melody consists of sustained notes.

Dynamics: The organ parts are dynamic, while the choir parts are sustained.

Musical score for organ and cello, measures 176-181.

Measure 176: The organ part consists of two staves. The upper staff features a treble clef, a key signature of one sharp, and a tempo marking of 176. It contains eighth-note chords and sixteenth-note patterns. The lower staff has a bass clef and a key signature of one sharp, featuring eighth-note chords. The cello part is silent in this measure.

Measure 181: The organ part continues with its two staves. The upper staff shows eighth-note chords and sixteenth-note patterns. The lower staff has a bass clef and a key signature of one sharp, with eighth-note chords. The cello part begins with eighth-note chords in the lower staff.

186

Org.

This musical score page contains two systems of music. The top system, labeled 'Org.', begins at measure 186. It features two staves: a treble staff where each note is followed by a fermata, and a bass staff with eighth-note patterns. The bottom system, labeled 'C.', begins at measure 190. It also has two staves: a treble staff with a single note per measure and a bass staff with eighth-note patterns. The music is in common time and includes a key signature of one sharp (F#).

186

C.

190

Org.

190

C.

194

This musical score page shows two staves. The top staff is for the organ (Org.) and the bottom staff is for the cello (C.). The organ part consists of two voices: a treble voice playing chords and a bass voice playing eighth-note patterns. The cello part consists of two voices: a treble voice that remains silent and a bass voice playing eighth-note patterns. The key signature is one sharp, indicating G major.

194

This page continues the musical score from measure 194. The organ and cello parts remain identical to the previous page, with the organ providing harmonic support and the cello providing rhythmic drive through eighth-note patterns.

197

This musical score page shows two staves. The top staff is for the organ (Org.) and the bottom staff is for the cello (C.). The organ part consists of two voices: a treble voice playing chords and a bass voice playing eighth-note patterns. The cello part consists of two voices: a treble voice that remains silent and a bass voice playing eighth-note patterns. The key signature changes to two sharps, indicating A major.

197

This page continues the musical score from measure 197. The organ and cello parts remain identical to the previous page, with the organ providing harmonic support and the cello providing rhythmic drive through eighth-note patterns.

200

Org.

This musical score page contains two systems of music. The top system is for the organ (Org.) and the bottom system is for the cello (C.). Both systems begin at measure 200. The organ part consists of two staves: a treble staff and a bass staff. The treble staff features a continuous sequence of chords and eighth-note patterns. The bass staff includes a dynamic marking 'f' and a bass clef. The cello part also has two staves: a treble staff and a bass staff. The bass staff shows sustained notes and rests. Measures 201 through 204 are identical for both instruments. In measure 205, the organ's bass staff includes dynamics 'mf' and 'mf' below the staff, while the cello's bass staff features sustained notes with a bass clef.

200

C.

205

Org.

mf

mf

C.

...and there was evening, and there was morning
<- = = -> = 60

211

Org.

Optional: Noise (like white noise) - prepared pedal (no pitch)

211

C.

217

Org.

217

C.

223

Org.

This musical score page shows two staves. The top staff is for the organ (Org.), featuring a treble clef, a key signature of one sharp, and a common time signature. The bottom staff is for the cello (C.), featuring a bass clef and a key signature of one sharp. The music consists of six measures. In the first measure, the organ has a continuous eighth-note pattern. The second measure begins with a sustained note followed by eighth-note pairs. The third measure features eighth-note pairs with grace notes. The fourth measure has a sustained note followed by eighth-note pairs. The fifth measure begins with a sustained note followed by eighth-note pairs. The sixth measure ends with a sustained note followed by eighth-note pairs. The cello part is mostly silent, with occasional eighth-note pairs appearing in the second, third, and fourth measures.

223

C.

This page continues the musical score from measure 223. The organ (Org.) staff shows a sustained note followed by eighth-note pairs. The cello (C.) staff shows a sustained note followed by eighth-note pairs.

229

Org.

This musical score page shows two staves. The top staff is for the organ (Org.), featuring a treble clef, a key signature of one sharp, and a common time signature. The bottom staff is for the cello (C.), featuring a bass clef and a key signature of one sharp. The music consists of six measures. In the first measure, the organ has a sustained note followed by eighth-note pairs. The second measure begins with a sustained note followed by eighth-note pairs. The third measure features eighth-note pairs with grace notes. The fourth measure has a sustained note followed by eighth-note pairs. The fifth measure begins with a sustained note followed by eighth-note pairs. The sixth measure ends with a sustained note followed by eighth-note pairs. The cello part is mostly silent, with occasional eighth-note pairs appearing in the second, third, and fourth measures.

229

C.

This page continues the musical score from measure 229. The organ (Org.) staff shows a sustained note followed by eighth-note pairs. The cello (C.) staff shows a sustained note followed by eighth-note pairs.

Commissioned by Rikskonsertor / Concerts Sweden to Hampus Lindwall

God's Breath

part two: the sleeping god

Stefan Klaverdal

...from all his work.

$\text{♩} = 50-70$

Organ

This section shows the first six measures of the organ part. The music is in common time with a key signature of one sharp. Measure 1 starts with a dynamic of **pp**. Measures 2 through 6 show a repeating pattern of chords and rests, with measure 6 ending with a long dash indicating a sustained note or a repeat. The bass line is present in the bass clef staff, though it is mostly silent.

Org.

This section shows measures 7 through 12 of the organ part. The music continues in common time with a key signature of one sharp. Measure 7 begins with a dynamic of **pp**. Measures 8 through 12 show a continuation of the harmonic pattern established in the previous measures, with sustained notes and rhythmic patterns.

Org.

This section shows measures 13 through 18 of the organ part. The music remains in common time with a key signature of one sharp. Measures 13 and 14 feature sustained notes with grace notes above them. Measures 15 and 16 show a more active harmonic progression with sustained notes. Measures 17 and 18 continue this pattern, with measure 18 concluding with a final sustained note.

The image shows three staves of organ sheet music, labeled 'Org.' on the left of each staff. The music is divided into three sections by measure numbers 19, 25, and 32.

Measure 19: The top staff shows a sustained bass note with a melodic line above it. The middle staff has a sustained bass note with a harmonic line below it. The bottom staff has a sustained bass note with a melodic line below it.

Measure 25: The top staff shows a sustained bass note with a harmonic line above it. The middle staff has a sustained bass note with a harmonic line below it. The bottom staff has a sustained bass note with a melodic line below it.

Measure 32: The top staff shows a sustained bass note with a harmonic line above it. The middle staff has a sustained bass note with a harmonic line below it. The bottom staff has a sustained bass note with a melodic line below it.