

Constantin Basica

# **Deadline**

for chamber orchestra,  
live electronics and video

2011

## **Chamber orchestra:**

### **Winds:**

2 Oboes  
Bassoon

### **Brass:**

2 Horns in F

### **Strings:**

4 Violins I  
3 Violins II  
2 Violas  
2 Violoncellos  
Double Bass

## **Score written in C**

## **Live electronics and video:**

- The piece is accompanied by 2 Max/MSP/Jitter patches on 2 computers (one for audio and one for video), as well as 19 audio files and 90 video files.
- The audio-patch contains automated parameters for all live electronics, playback of audio files and spatialization of sounds, which is achieved with Ambisonics.
- The video-patch contains two players, which load and play the video files consecutively.
- The instruments' sounds are captured by 10 microphones (one for each wind player and one for each department of strings) and then
- Audio playback is quadrophonic, with one loudspeaker in each corner of the concert hall.
- The video is projected on a canvas over the orchestra.
- The conductor has a MIDI-Pedal at his foot and presses it each time a number (1 to 108) appears in the score, which corresponds to changes in both Max/MSP/Jitter patches.

## **Technical rider:**

1 x computer for live electronics, with Max/MSP/Jitter installed;  
1 x computer for live video playback, with Max/MSP/Jitter installed;  
1 x multi-channel audio interface with 10 inputs and 4 outputs;  
10 x microphone (condenser);  
1 x mixer with 4 inputs and 4 outputs;  
4 x loudspeaker (2 front and 2 rear in the corners of the room/hall) + subwoofer;  
1 x projector with DVI or HDMI input and 1080p resolution;  
1 x large projection canvas – preferably a minimum of 6x3m  
1 x MIDI-pedal (connected to the computer with the audio-patch) for the conductor.

## **Duration: ca. 13 minutes**

*Commissioned by the  
University of Music and Theatre Hamburg  
for the European Competition of  
Live Electronic Music Projects 2011*



(aprox. 30") **Largo, poco rubato** (♩ = 50)

2 Oboes

Bassoon

2 Horns in F  
(concert pitch)

4 Violins I

3 Viols II

2 Violas

2 Violoncellos

Double Bass

**Largo, poco rubato** (♩ = 50)

1\* *con sord.*  
1. solo  $\nabla$

2

3

4

5

*pp*

*pp*

*p*

*pp*

*p*

3

*pp*

*p*

\* MIDI-Pedal





13 **A** Poco più mosso (♩ = 60)

Ob.

Bsn.

Hn. *con sord.* **14 15** *senza sord.*

pp *sf* *mf*

**12** (div.) **13** **A** Poco più mosso (♩ = 60)

*p* *f*

VI. I

VI. II *mf* **17** 3. solo *tr* *mf*

Vla. 2. solo *mf* 3 *f* **16** 1. solo *sempre mf*

Vc. *p* *f* *a2*

Db. 3 *mf* *f* *pizz.* *sempre mf*



20

Ob.

Bsn.

Hn. **18**

VI. I

VI. II

Vla.

Vc.

Db.

*f*

*p*

*mp*

3. solo

2. solo

tutti non div. *pizz.*

tutti non div. *pizz.*

non div. *pizz.*

*f*

Detailed description: This is a page of a musical score for a symphony orchestra, page 4. The score is for measures 18 through 20. The instruments listed are Oboe (Ob.), Bassoon (Bsn.), Horn (Hn.), Violin I (VI. I), Violin II (VI. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.). The key signature is one flat (B-flat major or D minor). The time signature is 4/4. The score includes various dynamics such as *f* (forte), *p* (piano), and *mp* (mezzo-piano). There are also performance instructions like "3. solo" for Violin I, "2. solo" for Violin II, and "tutti non div. pizz." (tutti, non-divisi, pizzicato) for the strings. The number "18" is prominently displayed above the Horn staff. The Oboe and Bassoon staves are mostly empty, indicating they are silent in this passage. The Horn staff has a melodic line with dynamics *f*, *p*, and *mp*. Violin I has a solo part starting in measure 19 with dynamics *mp* and *f*. Violin II has a solo part starting in measure 19 with dynamics *mp* and *f*. The Viola, Violoncello, and Double Bass staves provide a rhythmic accompaniment with various dynamics and articulations.

**B**

28

Ob.

Bsn.

Hn.

VI. I

VI. II

Vla.

Vc.

Db.

19

2. solo

arco

pp

mf

3

3

1. solo

arco

p

mf

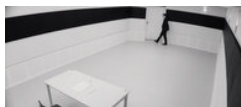
p

4. solo

mp

f

20



38

Ob.

Bsn.

Hn.

21

con sord.

*p* *f* *p*

VI. I

1. solo

sul pont.

*p* *mf* *p*

3 3 5

VI. II

Vla.

(1. solo)

sempre *mf*

Vc.

div. arco

*mp*

tr

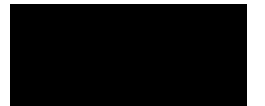
Db.

sempre *mf*

**C**

**C**

Detailed description: This is a page of a musical score for a symphony orchestra, page 6. The score is arranged in a grand staff format with staves for Oboe (Ob.), Bassoon (Bsn.), Horn (Hn.), Violin I (VI. I), Violin II (VI. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.). The music is in 3/4 time. The Oboe part (measures 38-40) features a melodic line with a triplet of eighth notes. The Horn part (measures 21-23) has a melodic line with dynamics *p*, *f*, and *p*, and includes a 'con sord.' instruction. The Violin I part (measures 21-23) is marked '1. solo' and 'sul pont.', with dynamics *p*, *mf*, and *p*, and includes triplet and quintuplet markings. The Viola part (measures 21-23) is marked '(1. solo)' and 'sempre *mf*'. The Violoncello part (measures 21-23) is marked 'div. arco' and '*mp*', with a trill marking. The Double Bass part (measures 21-23) is marked 'sempre *mf*'. There are two 'C' time signature changes indicated by boxes. A small photograph is at the top center.



46

Ob. *mp* *f* *ff*

22

Bsn.

Hn. *senza sord.* *mp* *cresc.* *f* *ff*

3

VI. I *div. sul pont.* *p* *ff*

23

VI. II *div. sul pont.* *p* *ff*

Vla.

Vc. *f*

Db. *arco* *pp*

24

Detailed description: This is a page of a musical score for a symphony orchestra, spanning measures 46 to 24. The score is written for Oboe (Ob.), Bassoon (Bsn.), Horn (Hn.), Violin I (VI. I), Violin II (VI. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.). The music is in 4/4 time. The Oboe part (measures 46-24) features a melodic line with dynamics *mp*, *f*, and *ff*, and includes a sixteenth-note triplet. The Horn part (measures 46-24) starts with *senza sord.* and *mp*, followed by a crescendo to *f* and *ff*, with a triplet in measure 23. The Violin I and II parts (measures 46-24) play a sustained chord with *div. sul pont.* and dynamics *p* and *ff*. The Violoncello part (measures 46-24) plays a rhythmic accompaniment with *f* dynamics. The Double Bass part (measures 46-24) plays a rhythmic accompaniment with *pp* dynamics and *arco* marking. The page number 22 is prominently displayed in the center, and 23 and 24 are also visible.



D

55

Ob.

Bsn.

Hn.

VI. I

VI. II

Vla.

Vc.

Db.

*p* *cresc.* *mf* *mp* *f*

**D**

*tutti pizz. mf*

**25** **26** **27** **28**

*pp* *p* *cresc.* *mf* *p* *f*

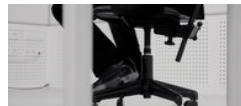
*a2* *gliss.* *b* *cresc.* *mf* *p* *f*

*a2* *gliss.* *b* *cresc.* *mf* *p* *f*

*gliss.* *b* *cresc.* *mf* *p* *f*

*gliss.* *b* *cresc.* *mf* *p* *f*

*(sul G)*



63

2. **E** *accel.*

Ob. *f* **31** *p* **32** *p* **33** 1. 5 3

Bsn.

Hn. 2. *f* *p*

VI. I *div. arco* *accel.* *f* *p* **29** **30**

VI. II *f*

Vla. *pizz.* *f*

Vc. *pizz.* *f*

Db. *pizz.* *f*

2/4 4/4 6/4 4/4



Allegretto (♩ = 110)

70

Ob. *mf* *p*

Bsn.

Hn. *p* *p* *div.*

Allegretto (♩ = 110)

VI. I *p* *tutti* *p* *cresc.* *3* *3* *3* *5* *5*

34 *arco* *mf* *p* *mf* *mp* *mf* *p* **35**

VI. II *arco* *mf* *mp* *mf* *p*

Vla. *arco* *mf* *mp* *mf* *p*

Vc. *arco* *mf* *mp* *mf* *p*

Db.





87

Ob. *(mp)*

Bsn.

Hn. *mf* *mp*

VI. I *f* *mf* *mp*

VI. II *f* *mf* *mp*

Vla. *f* *mf* *mp*

Vc. *f* *mf* *mp*

Db. *f* *mf* *mp*

Detailed description: This page of a musical score covers measures 87 to 91. The Oboe (Ob.) part begins with a melodic line in measure 87, marked *(mp)*, and continues with a sustained note in measure 88. The Bassoon (Bsn.) part is silent throughout. The Horn (Hn.) part plays a rhythmic pattern of eighth notes in measure 87, marked *mf*, and continues in measure 88, marked *mp*. The Violin I (VI. I) and Violin II (VI. II) parts play sustained chords, marked *f* in measure 87, *mf* in measure 88, and *mp* in measure 89. The Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.) parts play a rhythmic pattern of eighth notes, marked *f* in measure 87, *mf* in measure 88, and *mp* in measure 89. The score is written in a key signature of one flat and a common time signature.



92

Ob. *p*

Bsn. *p* *poco a poco cresc.* *f*

Hn.

VI. I *p* *ppp* *sul pont.* *mf* **39** *ord.* **40**

VI. II *p* *ppp* *sul pont.* *mf* *ord.* **38**

Vla. *p*

Vc. *p*

Db.

Detailed description of the musical score: This page of a musical score, numbered 14, covers measures 92 to 100. The score is arranged in a standard orchestral format with staves for Oboe (Ob.), Bassoon (Bsn.), Horn (Hn.), Violin I (VI. I), Violin II (VI. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.). The Oboe part begins with a long note at measure 92, marked *p*. The Bassoon part starts at measure 93 with a series of notes, marked *p* and *poco a poco cresc.*, leading to a fortissimo (*f*) section at measure 97. The Violin I and II parts play sustained chords, marked *p* and *ppp*, with a *sul pont.* instruction at measure 94. Both violin parts have a *mf* dynamic at measure 99, with first and second endings (*ord.*) indicated. The Viola part has a *p* dynamic at measure 93. The Violoncello part has a *p* dynamic at measure 93. The Double Bass part is silent throughout. Measure numbers 38, 39, and 40 are printed in large bold font above the Violin II, Violin I, and Violin I staves respectively.

# G 40a

Largo, rubato (senza misura)



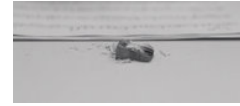
Bsn. <sup>100</sup>  
*mf* *cresc.* *ff*

3 3

# 40b



# 40c



Bsn. *f* *mp*

3 3

# 40d

Più mosso



# 40e



# 40f



Bsn. *f* *mp* *f* *mp* *f* *p* *ff* *p*

3

# 40g

poco accel.



# 40h



Bsn. *f* *cresc.* *mp* *rall.* *3* (Multiphonic) *mp*

# 41

accel.



# 42



Bsn. *f* *dim.* *accel.*

VI. II 1. con sord. *p* 2. con sord. *p* 3

**H**

Andante (♩ = 80)

Ob. *p* *mp*

Bsn. *mp* *p*

**H**

Andante (♩ = 80)

VI. I *pp* *mp* *pp*

VI. II *p* *sempre p* *sim.*

Vla. *con sord.* *p*

Vc. *con sord.* *mp* *pp*





111 *mf* *mp* **I**

Ob. *f*

Bsn. *f* *ff* **44**

Hn. *ff* **I**

VI. I *mf* *mp* *mp* *senza sord.*

VI. II *3* *3* *3* *3* *3* *3*

Vla. *senza sord.* *mf* *mp* *div.* *ff* *V* *V*

Vc. *senza sord.* *ff* *V*

Db. *ff*

Detailed description of the musical score: This page contains a score for measures 111-114. The music is in 3/4 time, changing to 4/4 at measure 114. The instruments and their parts are: Oboe (Ob.), Bassoon (Bsn.), Horn (Hn.), Violin I (VI. I), Violin II (VI. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.). The Oboe part starts with a dynamic of *mf* and a triplet of eighth notes. The Bassoon part starts with *f* and has a **44** marking. The Horn part has a *ff* dynamic. Violin I has dynamics *mf*, *mp*, and *mp*, with a *senza sord.* instruction. Violin II has triplet markings. Viola has dynamics *mf*, *mp*, and *ff*, with *senza sord.*, *div.*, and *V* markings. Violoncello has dynamics *ff* and *V* markings. Double Bass has a *ff* dynamic. There are two first endings marked with **I** in boxes.



117

**J** *p* *mf* *mp* *f*

Ob. *mp* *poco a poco cresc.* *f*

45

Bsn. *mp* *poco a poco cresc.* *f*

Hn. *mf* *mp* *frullato* *f*

1. (2.)

**J** *f* *mp* *mf*

VI. I *f* *mp* *mf*

VI. II *senza sord.* 1. 3 2. 3 3. 3 *sim.* 3 3 3 3 *tutti* *p* *poco a poco cresc.* *mf* *f*

Vla. *mp* *mf* *f*

Vc.

Db. *V*

Detailed description: This is a page of a musical score for a symphony orchestra, page 19. The score is in 3/4 time and features a key signature of one sharp (F#). The music is divided into measures by vertical bar lines. The instruments are arranged in staves from top to bottom: Oboe (Ob.), Bassoon (Bsn.), Horn (Hn.), Violin I (VI. I), Violin II (VI. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.). The Oboe and Bassoon parts have a dynamic marking of *mp* and a *poco a poco cresc.* instruction. The Horn part has a dynamic marking of *mf* and a *frullato* instruction. The Violin I part has a dynamic marking of *f*. The Violin II part has a dynamic marking of *p* and a *poco a poco cresc.* instruction, with first and second endings marked with '1.' and '2.'. The Viola part has a dynamic marking of *mp*. The Violoncello and Double Bass parts are mostly silent. There are several dynamic markings (*p*, *mf*, *mp*, *f*) and crescendo/decrescendo hairpins throughout the score. A large number '45' is written in the center of the page. A small black and white photograph is located at the top left of the page.

K



124

Ob.

Bsn.

Hn.

46

K tutti pizz. 3 3 3 3 3 3 3

p f

47

(pizz. Bartok)

dim. poco a poco

VI. I

VI. II

pizz. p f

(pizz. Bartok)

dim. poco a poco

Vla.

a2 pizz. 3 3 3 3 3 3 3

f

dim. poco a poco

Vc.

pizz. (pizz. Bartok)

f

dim. poco a poco

Db.

pizz. (pizz. Bartok)

f

dim. poco a poco

*sempre f*



130

Ob.

Bsn.

Hn.

48 *con sord.*  
*pp* *ff*

VI. I  
*mp* *ff*

VI. II  
*mp* *ff*

Vla.  
*(pizz. Bartok)*  
*mp* *ff*

Vc.

Db.

*mp* *ff*

*mp* *ff*

Detailed description: This is a page of a musical score for a symphony orchestra, starting at measure 130. The score is arranged in a grand staff with eight staves. The instruments are Oboe (Ob.), Bassoon (Bsn.), Horn (Hn.), Violin I (VI. I), Violin II (VI. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.). The Oboe part is mostly silent. The Bassoon part has a rhythmic pattern of eighth and sixteenth notes. The Horn part has a long note starting at measure 48, marked 'con sord.' (with mutes), 'pp' (pianissimo), and 'ff' (fortissimo). The Violin I part has a melodic line starting at measure 48, marked 'mp' and 'ff'. The Violin II part has a rhythmic pattern of eighth notes, marked 'mp' and 'ff'. The Viola part has a rhythmic pattern of eighth notes, marked 'mp' and 'ff', with a 'pizz. Bartok' (pizzicato) instruction. The Violoncello and Double Bass parts have a rhythmic pattern of eighth notes, marked 'mp' and 'ff'. The page number '21' is in the top right corner.



L

M

134

Ob.

Bsn.

Hn.

50 *Poco rubato* *f*

51 52

53 *p*

L

M

VI. I

VI. II

Vla.

Vc.

Db.

*mp*

*mp*

*arco*

*p* *molto* *f*

*arco*

*p* *molto* *f*

*arco*

*p* *molto* *f*

*arco*

*p* *molto* *f*

*arco*

*p*



142

Ob. *mp* **55** *mf* *f*

Bsn. *f*

Hn. *mp* *mf* *f* *senza sord.*

VI. I *f* *arco* *div.* *mp*

VI. II *f* *arco* *mp* *f*

Vla. *f* *arco* *mp* *f*

Vc. *f* *arco* **57** **58** *f*

Db. *f* *arco* *f*

*pizz.* *3*

*arco*

*div.*

*senza sord.*

*mp* *mf* *f*

*f* *mp* *f*

*f* *mp* *f*

*f* *arco* *f*

*f* *arco* *f*

*f* *arco* *f*

*f* *arco* *f*



148

Ob. *mp* *f* *mf* *f* *ff* *p*

Bsn. *ff* *p*

Hn. *f* *ff* *f* *ff* *p*

VI. I *f* *pizz.* *tutti* *f*

VI. II *div.* *mp* *f* *tutti* *ff* *pizz.* *f*

Vla. *div.* *mf* *a2* *ff*

Vc. *59* *60* *ff*

Db. *ff*

61 63 62

$\text{♩} = \text{♩}$



157 **N** Presto (♩ = 160)

Ob.

Bsn.

Hn.

64 **N** Presto (♩ = 160) arco

VI. I

VI. II

Vla.

Vc.

Db.

*f*

*f*

*f*

*f*

*f*

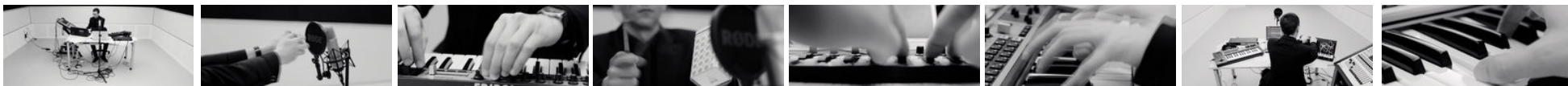
*f*

*f*

65 66 67 68 69 70

Detailed description: This is a page of a musical score for an orchestra. It features seven staves: Oboe (Ob.), Bassoon (Bsn.), Horn (Hn.), Violin I (VI. I), Violin II (VI. II), Viola (Vla.), and Violoncello/Double Bass (Vc./Db.). The score is in 7/8 time and marked 'Presto' with a tempo of 160 beats per minute. The key signature has one sharp (F#). The page number 157 is in the top left. A rehearsal mark 'N' is placed at the beginning of the first staff. The first staff (Ob.) starts with a dynamic marking of *f* and has several measures circled. The second staff (Bsn.) also has a circled section. The third staff (Hn.) has a circled section. The fourth staff (VI. I) has a rehearsal mark 'N' and a dynamic marking of *f*. The fifth staff (VI. II) has a dynamic marking of *f*. The sixth staff (Vla.) has a dynamic marking of *f*. The seventh staff (Vc./Db.) has a dynamic marking of *f*. The page is numbered 25 in the top right corner. Measure numbers 64 through 70 are indicated at the top of the VI. I staff.





177 **O**

Ob. *ff* *mp* *f* *p*

Bsn. *ff* *mp* *f* *p*

Hn. *ff* *mp* *f* *p*

81 82 83 84 85 86 87 88

VI. I *arco* *ff* *mp* *f* *ff* *pizz.* *p*

VI. II *arco* *ff* *mp* *f* *ff* *pizz.* *p*

Vla. *arco* *ff* *mp* *f* *ff* *pizz.* *p*

Vc. *arco* *ff* *mp* *f* *ff* *pizz.* *p*

Db. *arco* *ff* *mp* *f* *ff* *pizz.* *p*





**molto rall.**

**(aprox. 10"')**

193

Ob. *f* **96**

Bsn. *f*

Hn. *f*

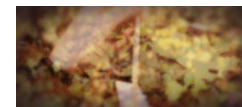
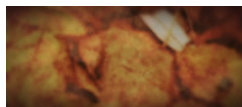
VI. I (pizz.) *f* **molto rall.** *poco a poco dim.* **97**

VI. II (pizz.) *f* *poco a poco dim.*

Vla. (pizz.) *f* *poco a poco dim.*

Vc. (pizz.) *f* *poco a poco dim.*

Db. (pizz.) *f* *poco a poco dim.*



205 **Largo** (♩ = 60)

Ob.

Bsn.

Hn.



**Largo** (♩ = 60)  
*arco*

98

99

100

101

1 VI. I

2, 3, 4 VI. I

VI. II

Vla.

1 Vc.

2 Vc.

Db.



**R**

**S**

214

Ob. *pp* *p* *pp* *p* *mp* *mf*

Bsn. *pp* *p* *pp* *p* *mp* *mf* *p<sup>3</sup>*

Hn. *pp* *p* *pp* *p* *mp* *mf*

**105**

2.

**R**

**S**

**102**

**103**

**104**

1 VI. I *arco con sord.*

2, 3, 4 VI. I *mp* *< mf* *f*

VI. II *mp* *< mf* *f* *arco con sord.*

Vla. *mp* *< mf* *f*

1 Vc. *mp* *< mf* *f*

2 Vc. *mp* *< mf* *f*

Db. *mp* *< mf* *f*



222

Ob. *mp* *p* *mp*

Bsn. *mp*

Hn. 2. *con sord.* 1. *con sord.* *mp* *p*

107

1 VI. I *poco a poco dim.* *pp*

2, 3, 4 *mp*

106

1. solo *p* *mp*

VI. II *mp*

Vla. *arco* *div. con sord.* *mp*

1 VIc. *poco a poco dim.* *arco con sord.* *p* *pp*

2 *p*

108

Db. *arco* *pp*