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Paola Livorsi

Âkâsh

per violin, viola e elettronica

2009 - 2010

Suomalaisen musiikin tiedotuskeskus Fimic
Finnish Music Information Centre Fimic

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Distribution by the Finnish Music Information Centre
Lauttasaarentie 1
FIN-00200 Helsinki

www.fimic.fi

Helsinki, 2010

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 FIMIC

Paola Livorsi

Âkâsh

per violino, viola e elettronica (2009-10)

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Notes for the performers

Âkâsh is a Sanskrit word meaning *space*. It appears in the *Upanishads* (*Chândogya Upanishad*, 11), Indian sacred texts from 500 B.C.

The performance takes place in an almost totally dark hall

The instruments are always amplified (1 wireless contact microphone on the upper body)

Alterations follow conventional rules

Numbers in circle are sound events, those in square are reference numbers for the performers

bow from estr. ST	longitudinal movement of the bow, with little pressure, from the extremity of the fingerboard (near the pegs) to the written position (ST etc.)
bow to estr. ST	longitudinal movement of the bow, from the written position (ST etc.) to the extremity of the fingerboard
perpendicular longitudinal	kohtisuora pituussuuntainen, pitkittäinen
-----> tremolo	repeat the note(s) accelerando, up to tremolo
-----> tremolo rall.	repeat the note(s) rallentando
pizz. gliss.	pizzicato glissando: pizzicato only on the first note, rapid glissando with the left hand (not pizz. afterwards)
l.v. lasciar vibrare	let vibrate
tr inf.	trillo inferiore: trill between the written note and the lower note (always fast and without resolution)
NV vibr. ord.	non vibrato vibrato ordinario
col legno	with the wooden part of the bow
rotate the hair of the bow on the back of the instrument	produce a noisy cracking sound

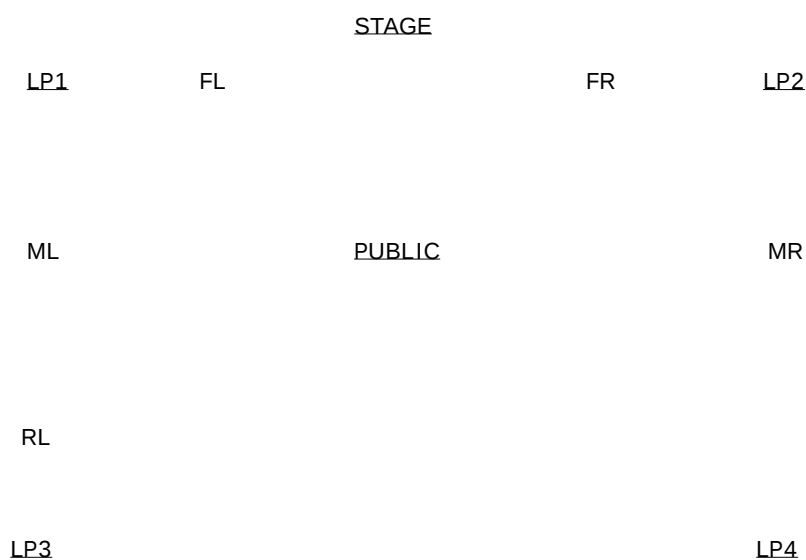
waist
scroll
tailpiece
peg
body
hair
screw

sivu(t)
kierukka
kielenpidin
viritystappi
kaikukoppa
jouhet
jousen ruuvi

Disposition

The musicians move between five points in the concert hall, in each place there is a music stand with its light

FL	front left
FR	front right
ML	middle left
MR	middle right
RL	rear left
LP	loudspeaker



Technical equipment

- 1 Macintosh Power PC
- 1 audiocard, 6 channels out
- 2 wireless microphones (small condensator micr.) for the instruments
- 1 mixer
- 4 channels (loudspeakers LP 1-4)

Âkâsh



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♩ = 52 *calmo*

Paola Livorsi 2010

1 at the front right of the hall

violin

1

viola

1 at the rear left of the hall on the tailpiece

f *f* sim.

electronics

1 1.short reverb

3 on the waist

mf *mf* sim.

3

3

3

6

6

6

EL viola tailpiece

1

12''

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9

on the tailpiece

mf *p* *f* *p*

9

p

on the tailpiece

slowly

on the waist

9

poco

a

poco

longer

reverb

time

12

slowly

silently

move

to

12

silently

move

to

12

14

1

the

front

14

the

middle

left

bow from

estr. ST →

p

14

2. medium reverb

1'

* = quarter tones are used just to indicate that the string must not be free, the finger has to be on it from the beginning (or the end) of the glissando, as close as possible to the extremity of the fingerboard

16 left

16 3

16 ST fast gliss. l.h. only *mf* *p subito*

bow from estr. ST → ST *p* *mf*

fast gliss l.h. → bow to → estr. ST *p*

RR violin peg

16 2 23''

18 → ST fast gliss l.h. bow to → estr. ST *mf* *p sub.*

bow from estr. ST → ST *p* *mf*

fast gliss l.h. → bow to → estr. ST *p sub.* *mp* *p*

bow from estr. ST → ST *mf* *p*

fast gliss l.h. ST only *mf* *p*

bow ord. ST → N *p* *mf*

18 2

20 N → estr. ST ST sempre trem. *mf* *p* *pp* *p* *mf*

bow ord. ST → N *p*

N → ST *p*

(bow ord.) ST sempre tremolo *p*

portam. *p*

3. long reverb 1

20 3

23 sul D portam. bow to

23 N sul D 3 3 bow to

23 1'55''

26 → estr. ST move to

26 → estr. ST

only electronics 23''
4 loudspeakers
tremolo and natural sounds

26

3
40''

29 the front right 2

29 the front left 2

29 2

♩ = 60 3

33

p espr.

mf

33

mp espr.

tremolo

33 4. long reverb 2

36

mf

36

mf

36 2' 42''

39

mp

mf *pp* *p*

p

39

mp

sul D

mp *pp* *p*

trem.

39

(bow ord.)
ST → N
→ trem.

42 *mf* *mp* *pp* *mf*

42 bow from estr. ST → N → trem. → SP

42 20'' 3'

4

♩ = 52 4

45 move to the middle right

45 move to the front right

(bow ord.)
ST → N
3

45 5. medium reverb

end sound 4.

sul D 3 trem. p *mf*

pizz. sul G gliss. arco 3 trem. *sfz* *mp* *mf*

48 trem. pizz. gliss. arco trem. 3 *mf* *sfz* *p* *mf*

dolce 3 pizz. ord. *mp* *mf*

48

51 *dolce* *mp* *pp* *ff* *sul G l.v.* *sul A pizz. gliss.* *arco sul D* *trem.* *mf*

51 *arco* *mp* *mp* *ff* *trem.* *sul G* *mf*

51

54 *• = 60* sit down in the audience

54

54 17''

54 (5)

57 5 move to

ER pizz. non arpeggiato

57 *p* *mf* *sfz* *mp* *sfz*

57 6. long reverb 1h

57 (6) 47''

60

60

60

ST

N

mf

p

sfz

63

the middle left

63

arco N → ST
jeté

pizz.
ST

mf

mf

p

66

ML

N → ST
jeté.....

move to the front left

6

sul G sul D

3

jeté sim.

jeté

pizz. non arp.
ST

mf

mp

mp

p

7. long reverb 2b

69

arco jeté *mf*

mp

jeté sim. *mf*

69

3 N ST 3 N 3

mf *p* *mf*

69

pizz. gliss. *sfz*

arco jeté *mf*

mp

3

71

3

mp *p* *mf*

71

73

mf *p* *mf*

3

73

f *f*

jeté N

3

73

f

open reverb even more

5'11''

7 22''

RL RR

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pizz.
arpeggiato

75 *I. v.*

p <

75

only_electronics 16''
2 rear loudspeakers

75

79 *EL*

flautato
(fast and light bow)

mf >

79 *ER*

sul G

mf

strings dab sounds

8va - - - - -

8 1'09''

81

flautato

sul G

mf

p

81 *sim.*

mf

mf >

81

8va -

8va -

84

sul D

p

flaut. sempre

84

mf

mf

84

8va-----1

87

flaut. sempre

mf

8

mp

mf

87

sul A

p

mf

87

90

mp

fast

mf

mp

90

mf

mf

90

8va-1

93

93

93

mf

mp

mp

8va

6' 32''

95

move to

95

95

♩ = 52

9

the middle left

pizz. non arp.

ML

arco

3

trem.

mf

mp

mf

96

ER

p

trem.

mf

mp

96

The image displays a musical score for the song "The Rose Tree". It consists of three staves. The top staff is for the Treble Clef, the middle for the Bass Clef, and the bottom for the Double Bass Clef. The key signature has one flat (B-flat), and the time signature is 4/4. The score includes various musical notations such as notes, rests, triplets, and dynamic markings like *mf* and *mp*. There are also performance instructions like "trem." and "tr." (trill). The score is divided into measures, with measure numbers 98, 99, and 100 indicated at the beginning of their respective staves.

The image displays a musical score for the piece 'Lento' by Franz Liszt, featuring piano and violin parts. The score is written in 3/4 time and includes various musical notations such as notes, rests, and dynamic markings.

Dynamic Markings: The piano part includes markings for *poco*, *a*, *poco*, and *muovendo*. The violin part includes markings for *f* (forte), *mf* (mezzo-forte), and *p* (piano).

Articulations: The piano part features a 5-measure rest in the first measure, a 3-measure rest in the second measure, and a 3-measure rest in the third measure. The violin part includes a 3-measure rest in the first measure, a 3-measure rest in the second measure, and a 3-measure rest in the third measure.

Tempo: The tempo is marked as *Lento* (Lento).

Musical score for "The Swan" by Camille Saint-Saëns, featuring a piano and a cello. The score includes a tempo marking of quarter note = 60, a rehearsal mark 10, and various musical notations such as tremolos, rallentandos, and dynamic markings (p, mf). The piano part includes triplets and a trill. The cello part includes a trill and a triplet. The score is divided into two systems, each starting at measure 102.

104

mf p

3 3 3 3

move to the front

104

p

move to the middle

27''

9

104

11

♩ = 52

107

left

EL

3

mp espr.

pizz. arpeggiato

arco

pp

mf

trem.

107

right

MR

p <

mp espr.

107

long reverb 2

110

pizz. arpeggiato

arco

3

mp

mf

110

3

p

mf

sul D

3

mf

110

113

pizz. *mp*

arco *mf*

113

mf

113

115

pizz. non arp. *mf*

arco *mp*

mf

115

mp

p

mf

trem.

115

117

bow from estr. ST *pp*

N

trem. *mf*

117

ST

N trem. *pp* *mf*

117

119

move to the front right

119

119

19''

(10)

12

♩ = 60

EL

mf

3

ER

mf < p sub.

mf

long reverb 1b

VLA ML

VL MR

(11)

(12)

125

pizz.
arpeggiato

mp

mf

mf

VLA ML

(13)

128

arco

mf

3

mf

jeté

3

mf

mp

pizz.

mp

128

3

mf

128

VL MR

13

131

sfz

arco

sfz

jeté

mf

pizz.

mf

jeté . . .

3

mp

14

131

131

131

134

jeté

col legno

mf

pp

arco jeté

col legno

mf

pp

134

134

134

15 31''

136 move to the front right

136 move to the middle left

136 4

♩ = 52 *calmo*

14 ER bow from estr. ST → ST → trem. rall.

138 3 *pp* *mf* *pp*

138 ML

sul D NV *p*

138 medium reverb

EL
16

141 sul D NV

bow from estr. ST → ST → trem. rall.

141 3 *pp* *mf* *pp*

141

MR
17

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144

bow from estr. ST → trem. rall.

ST

pp *mf* *pp*

144

sul D NV

p

144

EL

(18)

147

NV

vibr. ord. 3

bow from estr. ST → ST

trem. rall.

pp *mf* *pp*

147

147

150

ST → trem. rall.

mp

vibr. ord.

p *mf* *pp*

150

150

15

153

3

trem. rall.

p

mf

p

pp

sul A

153

trem. rall.

mf

perdendosi

p

153

156

mf

trem.

trem. rall.

NV

156

3

pp

mf

p

156

159

sul A

NV

p

perdendosi

perdendosi

159

11' 14''

19 1' 21''

162 move to the middle right

162 move to the rear left

162 only_electronics

165 4 MR 6

165 4 RL 6

165 4 percussive_sounds 22'' 11'34'' 6

176 rotate the hair of the bow
on the back of the instrument

176 rotate the hair of the bow
on the back of the instrument

176 end sound 19.

Helsinki, 19.2.2010

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