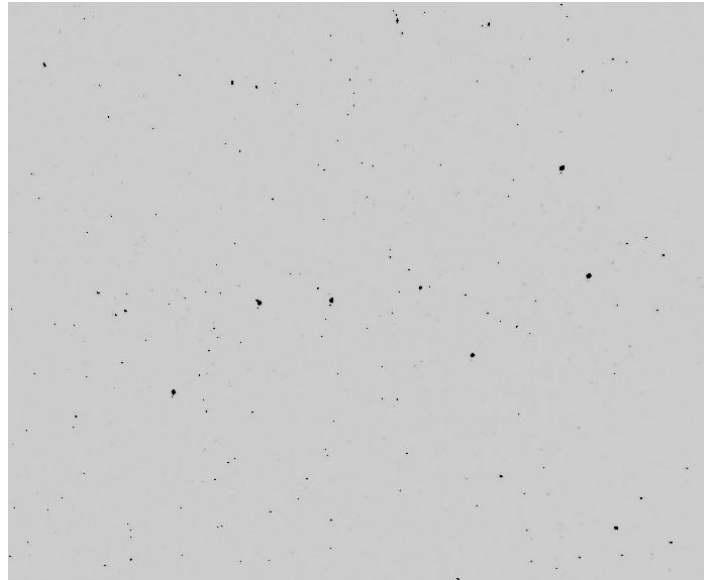


Ursa



for bass clarinet and live electronics

Elena Ralli

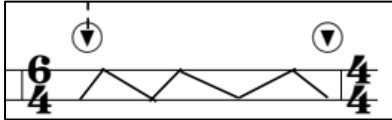
2023

Electronics

Notation



press USB Pedal to start or stop the electronics



open and close the Breath-Sensor-Belt by diaphragmatic breathing and moving your belly

Hardware

USB Pedal

Breath-Sensor-Belt (provided by the composer)

Laptop

Audio Interface

Mixer

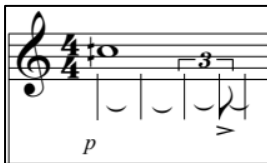
Sound-System of 4 channels or more

Software

Pure Data Patch with 7 channel output (provided by the composer)

Bass clarinet

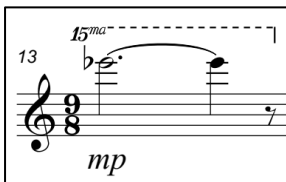
Notation



only do an accent when notated



right-angled triangle noteheads: slap tongue



in bars 13,22,28,40,57 and 64, use teeth tone if needed



play as a harmonic, you can decide the fingering

7

spect.M

5

p

pp

spectral Multiphonic

25

spect.M

7

p

pp

and

51

f

start with the low tone and then play together with the high tone

Performance instructions

Vibrato only when notated

for Carlos Cordeiro

Ursa

♩ = 60-68

Elena Ralli

Bass Clarinet

slap

electronics

press USB Pedal

open and close the sensor belt

7

spect.M

5

pp

p

p

gliss.

slow vibrato

bisbgl. ord.

tr

13

15ma

mp

p

gliss.

p

p

5

a tempo

mf

rit.

19

flz

p

f

mp

p

f

25

spect.M

7

pp

p

3

ord.

5

a tempo

p

mp

slow vibrato

mf

rit.

8va

15ma

31 *8va* *p* *f* *p* *p* *mf* *rit.* *a tempo*

37 *8va* *p* *flz* *p* *f* *mp* *bisbgl.* *ord.* *pp* *p*

43 *slow vibrato* *8va* *p* *f* *rit.* *5* *a tempo* *spect.M* *5* *p*

47 *8va* *p* *f* *p* *p* *p*

51 *f* *pp* *p* *gliss.* *slow vibrato*

55 *flz* *p* *mf* *rit.* *5* *a tempo* *15ma* *p* *mp*

59

slow vibrato 8^{va}

mp mp mf $rit.$ $a tempo$ mp mf $rit.$ $a tempo$

3 3 5

64

15^{ma} gliss. ($\sharp E^{\circ}$) mp

flz $\sharp E^{\circ}$ p

$\langle f \rangle \langle f \rangle p$

5/4 6/4 9/8

70

8^{va} p

f f p

6/4 5/4 9/8 4/4

74

f p

4/4 2/4 6/4 4/4 5/4

79

irregular tremolo 8^{va} pp

f

5/4 6/4 4/4 5/4 9/8

83

83 84 85 86

9/8 4/4 6/4 4/4

p *f* *f* *p*

8va 8va

3

87

87 88 89 90 91

4/4 9/8 2/4 6/4 3/4

p *f* *f* *p*

8va 8va

flz

p < *f* > < *f* > *p*

92

92

3/4 6/4

improvise with the Breath-Sensor-Belt

93

93

6/4 8/4

p