



# Agustí Charles

## Fluttering

**for Andromeda**

Contrabass Paetzold recorder in F  
and live electronics (score with electronic)

[www.agusticharles.com](http://www.agusticharles.com)

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### Electronics

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The live reproduction of the Electronic part it's with 4 channels (quadraphonic). The Electronic-software instrument used for that is the Fluttering for Max Cycling.

The player need a computer with a sound interface with 4 in and 4 outs.

For a Live Concert the minimum necessary for the reproduction is a mixer of 4 out channels, and 2 or 4 in channels for 2 or 4 electret microphones linked to **Output channel 1 & 2**

The maximum amplified volume of the instruments is the 30% of total. The most relevant volume it's for modified electronic sound and they will be balanced with the direct out instruments.

The player use special pedal for system presets, that's they are indicated in the direct version score (see <http://agustincharles.com/fluttering.htm>).

It's possible to record previously the electronic part, and after reproduce it from quadraphonic or stereo speakers, but the best form is that the Electronic player improvises and interacts inside Live Concert in quadraphonic way.

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Contrabass Paetzold recorder in F and live electronics

Agustín Charles  
(2019)

## I. Pulse modulations

♩ = 90  
staccato (like soft slap)

(Slap)

Flute

*mf* *sfz* *mf* *f*

Elec.

change slowly to *frullato*

4

Fl.

*pppp* (possibile) *gliss.* *Frull.* *gliss.*

Elec.

8

Fl.

*ffff* *pp sub.* *sfz* *mf*

Elec.

11

Fl.

*sfz* *mf* *sfz* *ff* *mf* *p* *pp*

Elec.

14

Fl. *(like tremolo)*

*f* *mf* *mf*

Elec.

17

Fl.

*ppp* *ff* *ffsfz*

Elec.

20

Fl. *gliss.* *pp* *fsfz sub.* *pp*

Elec.

23

Fl. *gliss.* *fff* *mf* *sfz*

Elec.

26

Fl.

*ffsfz* *pp* *ff* *mf*

*gliss.*

Elec.

## Transit I (20" aprox.)

29

Fl.

*mf*

Elec.

## II. Line-Vibrations

♩ = 72

30

Fl.

*pp* *mp* *pp* *mp*

*Smorzato* *(to norm.)* *norm.* *(to smorzato)* *Smorzato*

*gliss.*

Elec.

33

Fl.

*ff* *mf*

*gliss.*

*Smorzato*

Elec.

36

Fl.

Frull.

*fsfz* *sfz* *sfz* *sfz* *gliss.* *fffz* *fffz*

Elec.

39

Fl.

change slowly to frullato

Frull.

(free multiphonic combination)

*fff*

Elec.

42

Fl.

(non dim.)

Smorzato (to norm.)

*ppp*

Elec.

45

Fl.

norm.

*p* *gliss.* *gliss.* *mf* *f*

voice

[œ]

Elec.

48

Fl.

Elec.

51

Fl.

Elec.

*gliss.*

*ff*

*pp*

Smorzato (to norm.)

54

Fl.

Elec.

norm.

*mf*

*p*

*mf*

*gliss.*

57

Fl.

Elec.

*change slowly to frullato*

*f*

*non dim.*

### III. Pulse-Voices

\*)

♩ = 60

Staccato (but rithmically)  
(to air-sound)

60

Smorzato

Fl.

*mp* sub.

*gliss.*

*fsfz*

*mf sfz*

Elec.

63

(to air-sound)

Frull. (aprox. pitch)

legatissimo

Staccato

*mp*

*f*

*mf*

*sfz*

Fl.

Elec.

66

voice

[œ]

con forza (almost savage)

*mp*

*ff*

*fff*

*f*

*gliss.*

Fl.

Elec.

69

Staccato

(to air-sound)

Frull. (aprox. pitch)

legatissimo

Staccato

*mf sfz*

*mp*

*f*

*mf*

Fl.

Elec.

\*) Sound with air (50%)

72

Fl.

*sfz* *mp* *fff* *mp*

Elec.

voice

[œ]

con forza (almost savage)

Staccato (but rithmically)

75

Fl.

*ff* *p* *sfz*

Elec.

77

Fl.

Frull. (aprox. pitch)  
legatissimo

*mp* *f*

Elec.

(dynamics with the flute)

voice

[œ]

con forza

79

Fl.

Staccato

*mf* *sfz* *mp* *ff*

Elec.

82

Fl.

Elec.

(change sound gradually)

84

Fl.

Elec.

(change sound gradually) (Multiphonic with air change pression) (change sound gradually)

Staccato

*mp* *ff* *mf* *f* *mp*

87

Fl.

Elec.

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

gliss. gliss. Staccato

90

Fl.

Elec.

(change sound gradually) (Multiphonic with air change pression)

*mf* *pp* *ff*

93

Fl.

*fff*

*pp* *sùb.*

*f*

*mp*

*fff*

*mp*

Elec.

### Electronic sketch I (30" aprox.)

97

Fl.

*fff*

Elec.

### IV. Poliphony

$\text{♩} = 54$

98

Inexpressive

Fl.

*mf* *sempre*

Elec.

101

Fl.

*ff*

*p* *sùb.*

Elec.

103

Fl.

*mf* *mf* *f* *f*

Elec.

106

Fl.

*fff* *f sub.*

Elec.

*inc. air press.*

108

Fl.

*mp* *f sfz* *mp*

Elec.

## Transit II (20" aprox.)

111

Fl.

*ppp*

Elec.

♩ = 54  
Inexpressive

112

Fl.

*mf sempre*

*ff*

5

Elec.

116

Fl.

*p sub.*

*mf*

*mf*

*f*

*mf*

*f*

Elec.

### Electronic sketch II (a) (12" aprox.)

120

Fl.

Elec.

### V. Butterfly flight

Frull. (with a lot of air)

♩ = 72

(aprox. pitch)

121

Fl.

*f*

*f*

*ff*

*mf*

3

6:4

Elec.

123

Fl. *Frull. (with a lot of air)*  
(aprox. pitch)

*f* *f* *mf*

Elec.

125

Fl. *Frull. (with a lot of air)*  
(aprox. pitch)

*f* *f* *f* *ff*

Elec.

127

Fl. *Frull. (norm.)* *Frull. (with a lot of air)*  
(aprox. pitch)

*f* *ff* *f* *f*

Elec.

Electronic sketch II (b) (10" aprox.)

129

Fl.

Elec.

♩ = 72

130 Frull. (norm.)

Fl.

*mf* *mf*

Elec.

132 Frull. (with a lot of air)

Fl.

*ff* *f* *ff* *pp* *f sfz* Norm. gliss.

Elec.

134

Fl.

gliss. *ff sfz* *ff sfz* *sfz* *f* Frull. (with a lot of air) (aprox. pitch)

Elec.

138

Fl.

*f* Frull. (norm.) *mf* *ff* Frull. (with a lot of air) (aprox. pitch) *f* *mf* *f*

Elec.

141

Fl. *Frull. (norm.)* *mf* *f* *f* *mf*

*Frull. (with a lot of air)*  
(approx. pitch)

Elec.

### Electronic sketch II (c) (20" aprox.)

143

Fl. *mp* *pp*

Elec.

### I. Hyper-pulses Hysterical ♩ = 105

144

Fl. *ffsfz* *sfsz* *sfsz* *gliss.* *inc. air press.* *ff* *ff* *f sub.*

Elec.

147

Fl. *gliss.* *ff* *ff*

Elec.





# Transit IIIb (18" aprox.)

173

Fl. *gliss.* *ff* *fff*

Elec.

# Hysterical ♩ = 105

174

Fl. *tutta forza* *(non dim.)* *mf* *sub.* *fff* *inc. air press.* *dec. air press.*

Elec.

177

Fl. *dec. air press.* *inc. air press.* *dec. air press.* *inc. air press.* *gliss.* *mf* *mf* *f* *mf*

Elec.

# Transit IIIc (15" aprox.)

180

Fl.

Elec.

*fff*

## Rhythmically ♩ = 105

181

Fl.

Elec.

(Slap)

*fsfz* *sfz* *fsfz* *sfz* *sfz* *sfz* *sfz*

184

Fl.

Elec.

*mf* *f* *fsfz*

(Slap)

187

Fl.

Elec.

*sfz* *mf* *fff* *fsfz*

*gliss.*

## Transit IIIId (20" aprox.)

190

Fl.

Elec.

## VI. Reminiscences

### Triste ♩ = 60

(Play in old style)

(G. Paisiello, *Aria de Andromeda*)

### Rhythmically ♩ = 105

(Slap)

191

Fl.

Elec.

### Rhythmically ♩ = 105

(Slap)

194

Fl.

Elec.

### Triste ♩ = 60

(Play in old style)

197

Fl.

Elec.

201

Fl.

Elec.

Rhythmically ♩ = 105  
(Slap)

Triste ♩ = 60  
(Play in old style)

205

Fl.

Elec.

208

Fl.

Elec.

210

Fl.

Elec.

Rhythmically ♩ = 105

213

(Slap)

Fl.

Elec.

216

Fl.

Elec.

Transit III. End (15" aprox.)

218

Fl.

Elec.

