

**Peter Swinnen**  
**2004**

**Sinfonia II**  
**“*A broken Consort*”**  
tribute to Monty Python  
**for Cello Solo, 6 instruments and Electronics**

**Durata: ca 18 min.**

First performance on april 1, 2004 by students of the Brussels Conservatory, cond. Bart Bouckaert

**About Sinfonia II**  
*“A broken Consort”*  
tribute to Monty Python  
for Cello Solo, 6 instruments and Electronics  
(2004) 18 min.

The subtitle refers to the 17<sup>th</sup> century English standard ensemble “a broken Consort”. The six instruments flute, clarinet, horn, trombone, piano and percussion are electronically manipulated and multiplied, resulting in the sound of a ca 24 instruments ensemble, standard practice in the 18<sup>th</sup> century. These instruments are “broken up” all over the concert hall, and the positioning of their sound is controlled by the electronics, creating a virtual sonoric space, comparable to the atmosphere in many Monty Python films.

The sound of the solo cello is continuously tracked by the computer and fully controls the numerous manipulations of the electronics. As such he is not only the musical protagonist, but also acts as the main character and manipulator in this “movie without images”. The musical form is that of a standard 19<sup>th</sup> century symphonic concerto (4 movements), but its rhetoric is completely absurd. Much like in Monty Python’s “the Holy Grail”, where the knights go looking for this well-known mythic object which, obviously, they don’t find. At the end they conclude with “at least, we had some fun”.

Happy listening,  
Peter Swinnen

Durata: ca 18 min.

# Sinfonia II

## “A broken Consort”

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for Cello Solo, 6 instruments and Electronics

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### Technical Notes

#### Instruments:

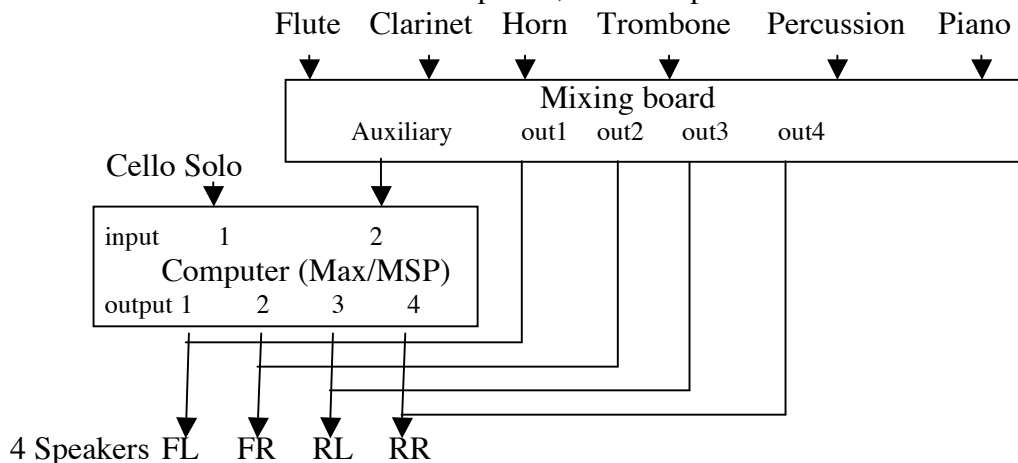
Flute, Clarinet in Sib, Horn in F, Trombone, Percussion (Marimba - Bass Drum), Piano, Cello Solo, Electronics (2 people)

#### Disposition of the musicians:

S T A G E	Piano	Percussion
	Horn Speaker FL	Cello Solo Trombone Speaker FR
A U D I E N C E	Speaker RL Flute	Conductor Speaker RR Clarinet

#### Electronics Setup:

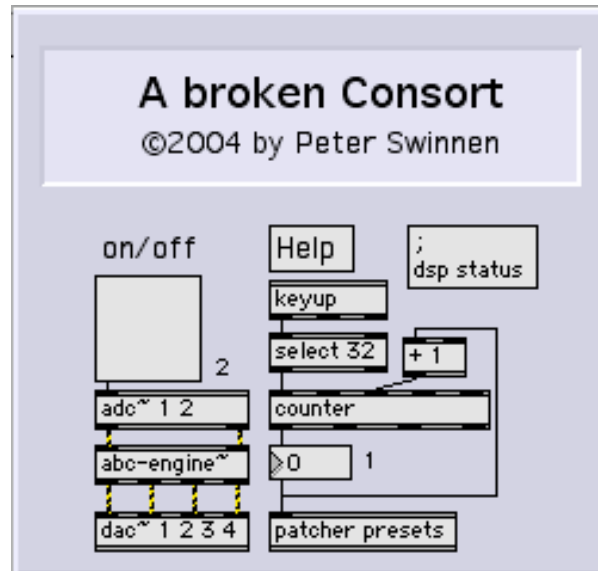
All 7 musicians should have a microphone, hooked up as follows:



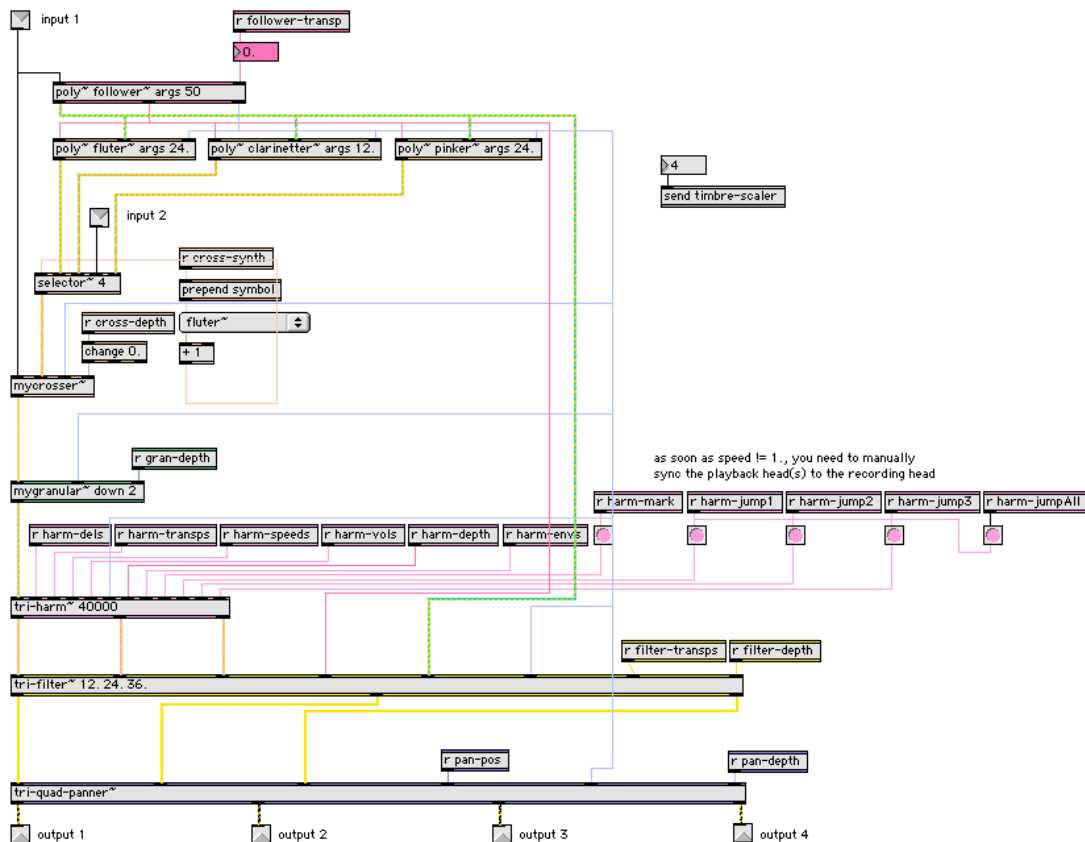
For best balance the direct sound of the musicians should slightly be mixed in, positioned on the 4 speakers at their physical position in the concert hall.

### The Computer program:

The (Macintosh) Max/MSP Computer Program is downloadable from the composers website at <http://www.peterswinnen.be>

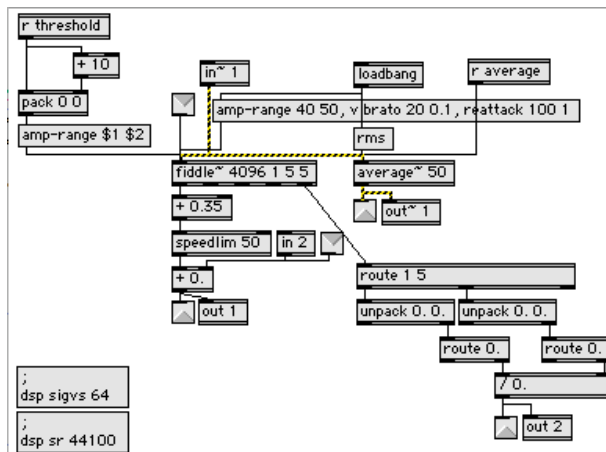


All the DSP is situated in abc-engine~



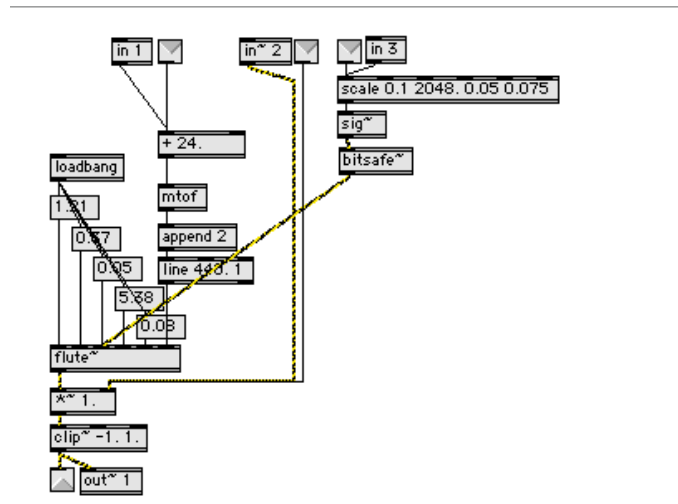
Its component are:

- a) follower: a pitch, dynamics and timbre tracker based on Miller Puckette's fiddle~

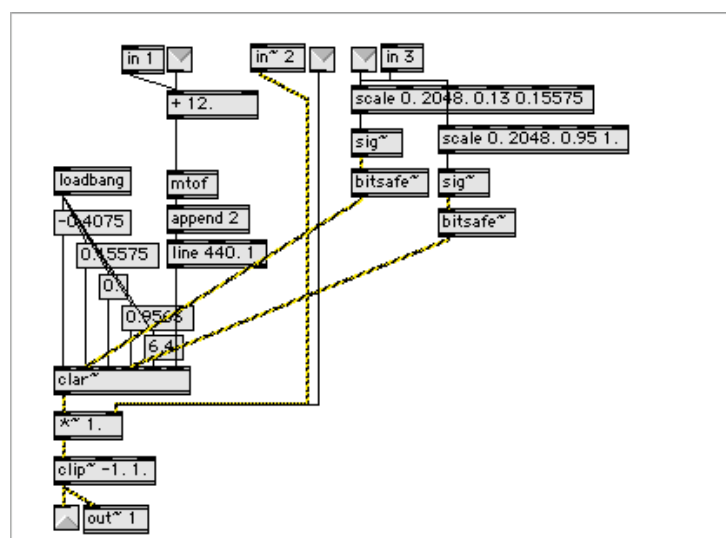


- b) three soft synthesizers

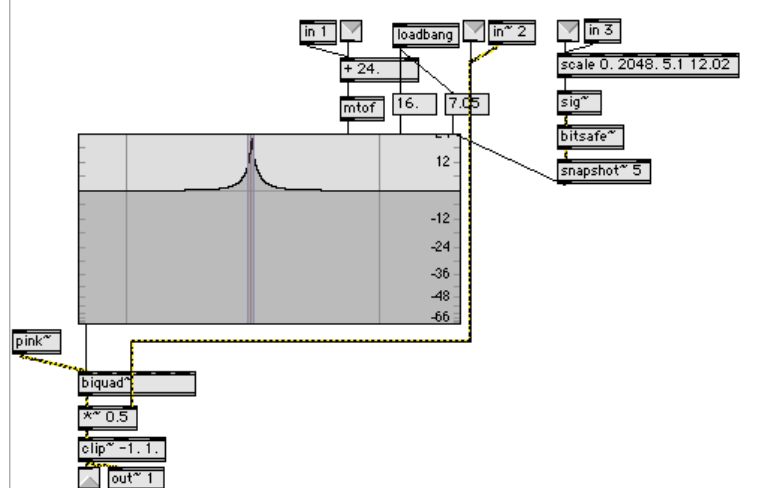
- flutter~: using flute~ from Dan Trueman's PerColate



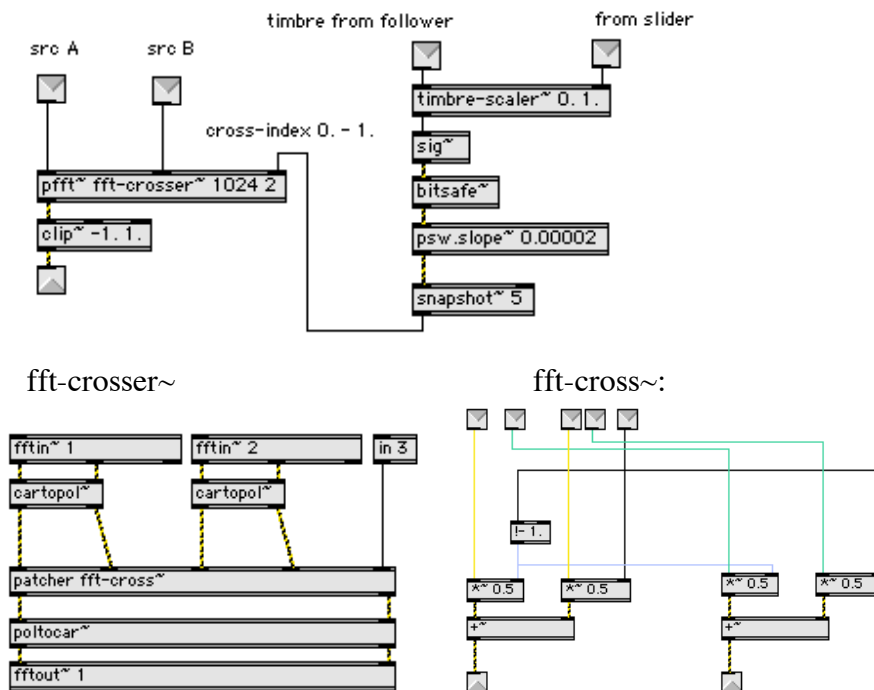
- clarinetter~: using clar~ from Dan Trueman's PerColate



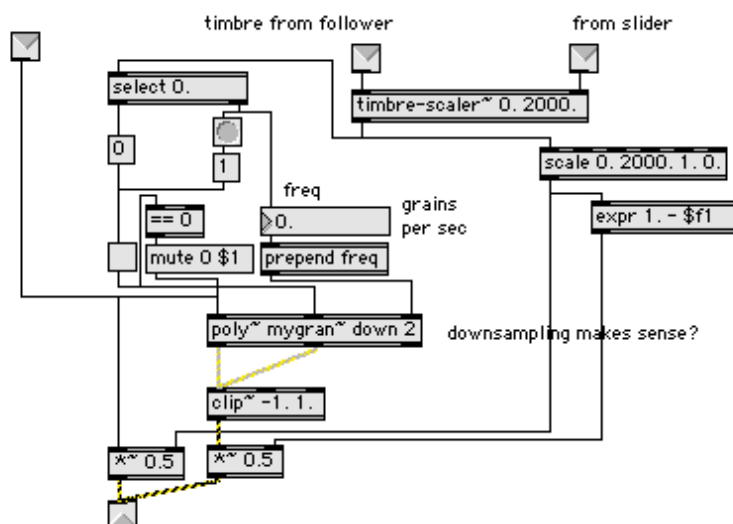
- pinker~



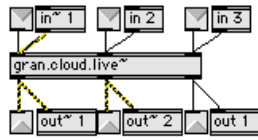
c) mycrosser~: a cross synthesizer



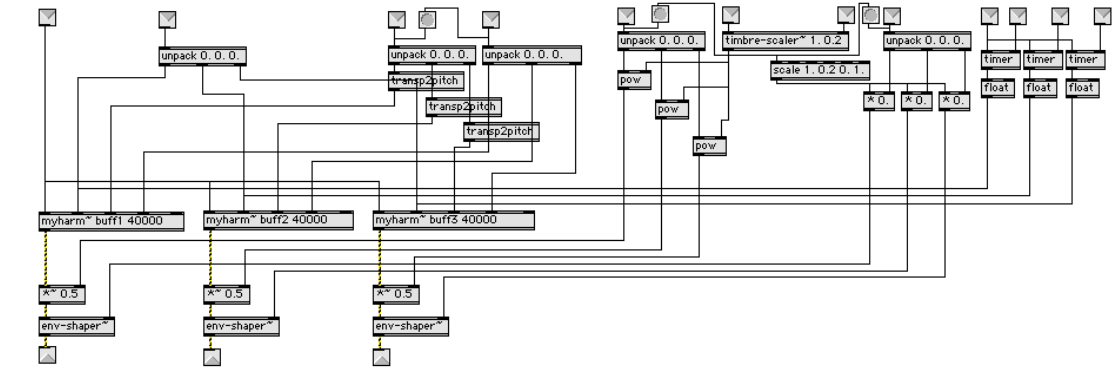
d) mygranular~: a granulator based on gran.cloud.live~ from Nathan Wolek's Granular Toolkit



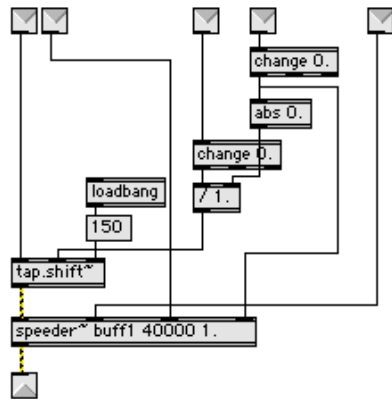
mygran~:



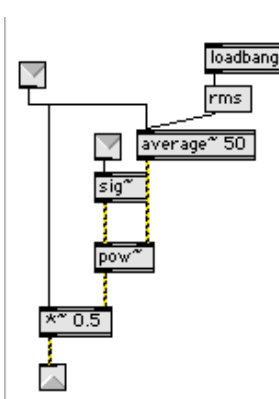
e) tri-harm~: a custom three-band harmonizer based on Tim Place's tap.shift~



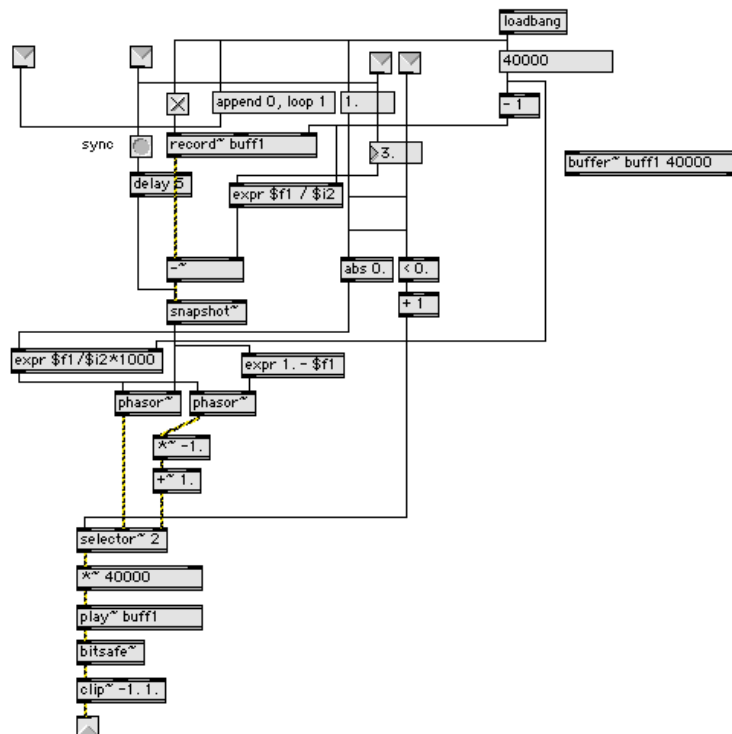
myharm~:



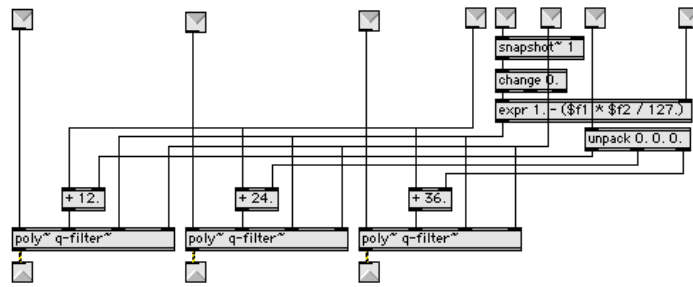
env-shaper~:



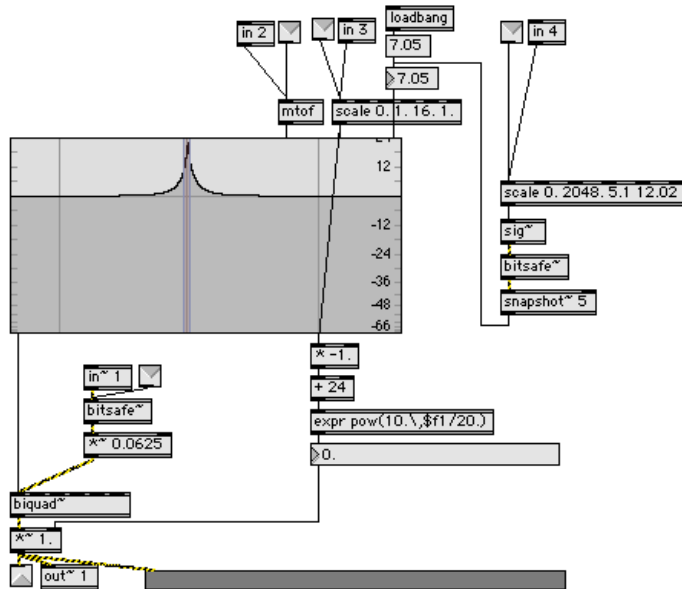
speeder~: a variable speed buffer player



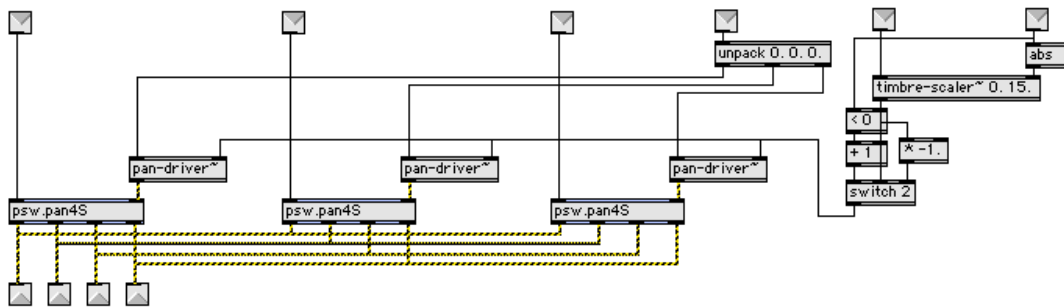
f) tri-filter~: three dynamic filters in one



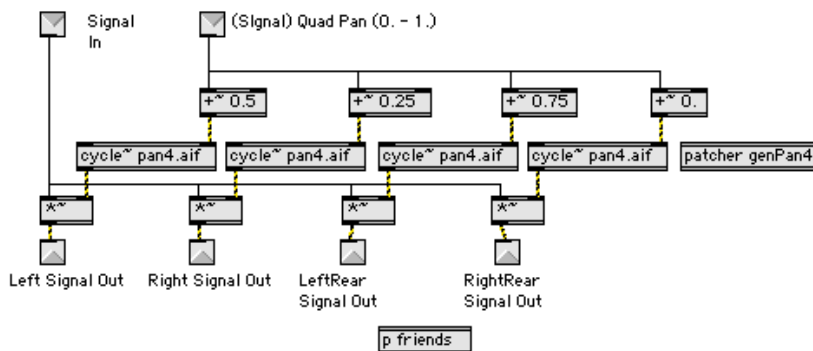
q-filter~:



g) tri-quad-panner~: three quadraphonic surround panners in one

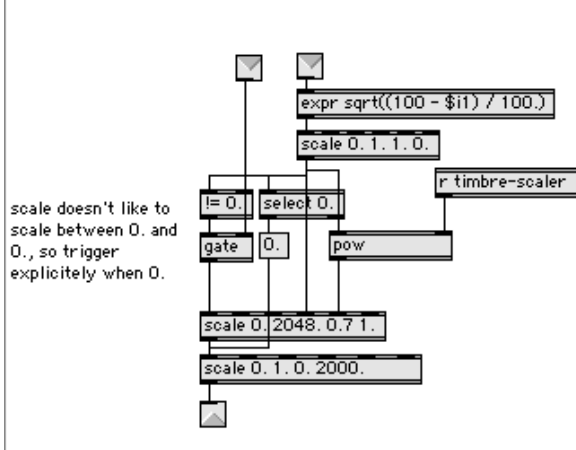


psw.pan4S





Many modules use timbre-scaler~:



All algorithms are controlled in real time by the Cello Solo, whose microphone comes in on input 1. The different DSP modules are enabled/disabled by a separate musician, triggering the presets as indicated on the score.

## The presets:

preset	cross-synth	cross-depth	gran-depth	harm-envs	harm-depth	harm-vols	harm-speeds	harm-transps	harm-mark	harm-jump1	harm-jump2	harm-jump3	harm-jumpAll	filter-transps	filter-depth	pan-pos	pan-depth
bc_1:	fluter~	0	0	0.0.0.	0.	0.0.0.	1.1.1.	-12.0.0.	bang				bang	0.0.0.	0.	0.125 0.0.	0.
bc_2:	fluter~	100	0	0.0.0.	0.	0.0945 0.0.	1.1.1.	24.0.0.	bang				bang	48.0.0.	80	0.125 0.0.	0.
bc_3:	fluter~	100	0	0.0.0.	0.	0.25119 0.0.	1.1.1.	12.0.0.	bang				bang	48.0.0.	80.	0.125 0.0.	0.
bc_4:	fluter~	100	0	0.0.0.	0.	0.501189 0.0.	1.1.1.	0.0.0.	bang				bang	48.0.0.	80.	0.125 0.0.	0.
bc_5:	fluter~	100	0	0.0.0.	0.	1.0.0.	1.1.1.	0.0.0.	bang				bang	48.0.0.	80.	0.875 0.0.	0.
bc_6:	clarinetter~	100	0	0.0.0.	0.	0.707948 0.0.	1.1.1.	-36.0.0.	bang				bang	-36.0.0.	80.	0.125 0.0.	0.
bc_7:	clarinetter~	99	0	0.0.0.	0.	0.707948 0.0.	1.1.1.	-24.0.0.	bang				bang	-36.0.0.	80.	0.125 0.0.	0.
bc_8:	clarinetter~	95	0	0.0.0.	0.	1.0.0.	1.1.1.	-12.0.0.	bang				bang	-36.0.0.	80.	0.125 0.0.	0.
bc_9:	adc~	97	0	0.0.0.	0.	1.0.0.	1.1.1.	0.0.0.	bang				bang	-24.0.0.	80.	0.625 0.0.	0.
bc_10:	adc~	76	0	1.0.0.	0.	0.0.0.	1.1.1.	0.0.0.	bang					0.0.0.	0.	0.0.0.	0.
bc_11:	adc~	76	0	1.0.0.	0.	0.0.0.	1.1.1.	0.0.0.	bang					0.0.0.	0.	0.096154 0.0.	0.
bc_12:	adc~	76	0	1.0.0.	30	2.118808 0.0.	1.1.1.	-1.0.0.					bang	0.0.0.	0.	0.096154 0.0.	0.
bc_13:	adc~	76	0	1.0.0.	0.	0.0.0.	1.1.1.	0.0.0.	bang					0.0.0.	0.	0.0.0.	0.
bc_14:	adc~	76	0	1.0.0.	30	0.0.0.	1.1.1.	0.0.0.	bang					0.0.0.	0.	0.067308 0.0.	0.
bc_15:	adc~	76	0	1.0.0.	30	2.518206 0.0.	1.1.1.	-2.0.0.		bang				0.0.0.	0.	0.067308 0.0.	0.
bc_16:	adc~	76	0	1.2.0.	30	2.518206 3.357608 0.	1.1.1.	-2. -5.0.			bang			0.0.0.	0.	0.067308 0.461538 0.	0.
bc_17:	adc~	76	0	1.2.0.	30	2.518207 3.357609 0.	1.1.1.	-2. -5.0.	bang					0.0.0.	0.	0.067308 0.461539 0.125	0.
bc_18:	adc~	76	0	1.2.0.	30	2.992895 3.357608 0.	1.1.1.	-1. -5.0.		bang				0.0.0.	0.	0.096154 0.461538 0.125	0.
bc_19:	adc~	76	0	1.2.0.	30	2.992895 3.99 0.	1.1.1.	-1. -2.0.			bang			0.0.0.	0.	0.096154 0.1875 0.778846	0.
bc_20:	adc~	76	0	1.2.3.	30	2.992895 3.99 7.981	1.1.1.	-1. -2. -12.				bang		0.0.0.	0.	0.096154 0.1875 0.778846	0.
bc_21:	adc~	95	0	0.0.0.	30	1.5 1.2.	1.1.1.	2.5.0. -1.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	1
bc_22:	adc~	95	0	0.0.0.	30	1.5 1.2.	-1. -1. -1.	2.5.0. -1.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	1
bc_23:	adc~	95	0	0.0.0.	30	1.5 1.2.	1.1. 0.9375	2.5.0. -1.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	7
bc_24:	adc~	95	0	0.0.0.	30	1.5 1.2.	1.1. 0.9375	2.5.0. -1.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	7
bc_25:	adc~	95	0	0.0.0.	30	1.5 1.2.	-1. -1. -0.9375	2.5.0. -1.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	7
bc_26:	adc~	95	0	0.0.0.	30	1.5 1.2.	1.1. 0.9375	2.5.0. -1.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	7
bc_27:	adc~	95	0	0.0.0.	30	1.5 1.2.	1.1. 0.875	2.5.0. -1.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	10

bc_28:	adc~	95	0	0.0.0.	30	1.5 1.2.	1.1.0.875	2.5.0.-1.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	10
bc_29:	adc~	95	0	0.0.0.	30	1.5 1.2.	1.1.0.875	2.5.0.-1.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	10
bc_30:	adc~	95	0	0.0.0.	30	1.5 1.2.	1.1.0.875	2.5.0.-1.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	10
bc_31:	adc~	95	21	0.0.0.	30	1.5 1.2.	0.75 1. 0.875	2.5.0.-1.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	20
bc_32:	adc~	95	34	0.0.0.	30	1.5 1.2.	0.75 1. 0.875	2.5.0.-1.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	20
bc_33:	adc~	95	55	0.0.0.	30	1.5 1.2.	0.75 1. 0.875	2.5.0.-1.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	20
bc_34:	adc~	95	55	0.0.0.	30	1.5 1.2.	-0.75 -1. - 0.875	2.5.0.-1.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	20
bc_35:	adc~	95	82	0.0.0.	30	1.5 1.2.	0.75 1.0.5	2.5.0.-1.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	50
bc_36:	adc~	95	89	0.0.0.	30	1.5 1.2.	-0.75 1. - 0.5	2.5.0.-1.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	50
bc_37:	pinker~	92	92	0.0.0.	0.	2.118807 1.412538 2.825076	1.1.1.	-2. -5. -15.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	85
bc_38:	pinker~	82	85	0.0.0.	0.	2.118807 1.412538 2.825076	1.1.1.	-1. -3. -12.	bang				bang	0.0.0.	0.	0.125 0.458 0.791	45
bc_39:	pinker~	72	55	0.0.0.	0.	2.377006 1.782755 0.	1.1.1.	-2. -5. 0.	bang				bang	12.0.0.	50.	0.125 0.458 0.791	11
bc_40:	pinker~	62	34	0.0.0.	0.	2.377005 1.782754 0.	1.1.1.	-1. -3. 0.	bang				bang	24.0.0.	80.	0.125 0.458 0.791	3
bc_41:	pinker~	54	21	0.0.0.	0.	2.29631 0.0.	1.1.1.	-2. 0.0.	bang				bang	36.0.0.	80.	0.125 0.458 0.791	1
bc_42:	pinker~	42	13	0.0.0.	0.	2.244038 0.0.	1.1.1.	-1.0.0.	bang				bang	48.0.0.	80.	0.125 0.458 0.791	0

Peter Swinnen  
Brussels, March 15, 2004

Durata: ca 18 min.

# Sinfonia II

"A broken Consort"  
tribute to Monty Python  
for Cello Solo, 6 instruments and Electronics

Peter Swinnen

2004

Senza Misura  $\text{♩} = 45$

Flauto

Clarinetto in Si $\flat$

Corno in F

Trombone

Percussione

Piano

Violoncello Solo

Electronics

Electronics out

*poco essaltato*

*ff* II<sup>a</sup> *f* *f* *mf* *simile* *mp*

*quasi campane*

bc 01

Vlc. S.

*mf* I<sup>a</sup> *mp* *p*

Vlc. S.

*mpp*

2

Vlc. S.

*p* *molto legato* *pp*

El.

bc 02

El. out

*ppp* *molto legato* *ppp*

7

Vlc. S.

*mp*

El.

El. out

13

S. *mf* *p*

EL. bc 03

out *p* *pp*

20

S. *mp*

EL.

out *p*

26

S. *mf* *f*

EL.

out *mp*

32

S. *mf*

EL. bc 04

out *mp*

38

S. *mp* *mf*

EL.

out *mp*

43

S. *f* *ff*

EL.

out *f* *ff*

50

Fl. *mf* *mp*

*giocoso*

*mf* from rear left in the Hall

55

Fl. *f*

*Sinfonia II \* pg 4*

61

Fl. *mf* *f* *giocoso*

Vlc. S. *mf*

El. bc 05

El. out *mp*

68

Fl. *mf* *f*

Vlc. S. *f*

El.

El. out *mp*

74

Fl. *f* *con convinzione*

Vlc. S. *mf* *mp non vibrato*

El. bc 06

El. out *mp*

80

Vlc. S. *p* *mf*

El.

El. out *mp*

86

Vlc. S. *mp* *mf*

El.

El. out *mp*

93

Vlc. S. *pocch. vibrato* *f*

El. bc 07

El. out *mp*

99  
 S. *mf* *f a la barocca*  
 El. bc 08  
 out *mp* *mf*

105  
 S. *mf* *ff*  
 El.  
 out *f* *mf*

110 from rear right in the Hall  
 Si. *mf poco timido* *poco f*

116  
 Si. *mf* *mp*

123  
 Fl. *mf gentile* *f*  
 Si.

130  
 Fl. *mf*

136  
 Si. *mf amabile* *f*

142  
 Fl. *mf con convinzione* *mp festivo*  
 Si. *mf con convinzione* *mp festivo*

S. *mp festivo*  
 El. bc 09  
 out *mp*

Senza Misura ♩ = 60

148

Fl.

Cl. Si.

Cr.

Tbn.

Vlc. S.

El.

El. out

from front left on stage  
quasi campane  
poco essaltato

sing  
play

quasi campane  
poco essaltato  
from front right on stage

bc 10

simile

Andante ♩ = 60

Fl.

Cl. Si.

Cr.

Tbn.

Vlc. S.

El.

El. out

*mp amabile*

*mf amabile*

bc 11 bc 12

156

Fl.

Cl. Si.

Vlc. S.

El.

El. out

*mf*

*mp*

*poco f*





184

Fl. *quasi campane poco essaltato*

Cl. Si. *poco f* *quasi campane poco essaltato* *poco f*

Cr. *quasi campane poco essaltato*

Tbn. *mp* *mp*

Vlc. S. *mf* *quasi campane poco essaltato* *mf* *mf*

El. *bc 17 bc 18 bc 19 bc 20*

El. out *quasi campane* *quasi campane*

190

Fl. *simile* *f*

Cl. Si. *simile* *poco f*

Cr. *simile* *mf*

Tbn. *simile* *mp*

Vlc. S. *simile* *ff*

El. *simile*

El. out *simile*

FL. *f* *esorbitante*

Si. *mf* *esorbitante*

Cr. *mf* *esorbitante*

bn. *mf* *esorbitante*

erc. Marimba *mp* *esorbitante*

no. *mf* *esorbitante*

. S. *with many changes of timbre*  
*ff* *esorbitante*

El. bc 21

out

199

FL. *mp*

Si. *p*

Cr. *p*

bn. *p*

erc. *pp*

no. *p*

. S. *mf*

El.

out

203

Fl.

Cl. Si.

Cr.

Tbn.

Perc.

Pno.

Vlc. S.

El.

El. out

206

Fl.

Cl. Si.

Cr.

Tbn.

Perc.

Pno.

El.

El. out

*mf*

*mp*

*p*

*pp*

bc 22



218

Fl.

Cl. Si.

Cr.

Tbn.

Perc.

Pno.

Vlc. S.

El.

El. out

221

Fl.

Cl. Si.

Cr.

Tbn.

Perc.

Pno.

Vlc. S.

El.

El. out

*f*

*mf*

*mf*

*mf*

*mp*

*mf*

bc 24

224

Fl. *mp*

Si. *p*

Cr. *p*

bn. *p*

erc. *pp*

no. *p*

El. bc 25

out

228

Fl. *f*

Si. *mf*

Cr. *mf*

bn. *mf*

erc. *mp*

no. *mf*

S. *ff*

El. bc 26 bc 27

out

232

FL.

Cl. Si.

Cr.

Tbn.

Perc.

Pno.

Vlc. S.

El.

El. out

236

FL.

Cl. Si.

Cr.

Tbn.

Perc.

Pno.

Vlc. S.

El.

El. out



240

Fl. *mf*

Si. *mp*

Cr. *mp*

bn. *mp*

erc. *p*

no. *mp*

. S. *f*

El. bc 28

out

243

Fl.

Si.

Cr.

bn.

erc.

no.

. S.

El.

out

247

Fl. *f* *mp*

Cl. Si. *mf* *p*

Cr. *mf* *p*

Tbn. *mf* *p*

Perc. *mp* *pp*

Pno. *mf* *p*

Vlc. S.

El. bc 29 bc 30

El. out

251

Fl. *mf*

Cl. Si. *mp*

Cr. *mp*

Tbn. *mp*

Perc. *p*

Pno. *mp*

Vlc. S. *f*

El. bc 31

El. out

255

FL. *p*

Si. *pp*

Cr. *pp*

bn. *pp*

erc. *ppp*

no. *pp*

. S. *mp*

El.

out

259

FL.

Si.

Cr.

bn.

erc.

no.

. S.

El.

out

263

Fl.

Cl. Si

Cr.

Tbn.

Perc.

Pno.

Vlc. S.

El.

El. out

*mp*

*p*

*pp*

*p*

*mf*

bc 32

266

Fl.

Cl. Si

Cr.

Tbn.

Perc.

Pno.

Vlc. S.

El.

El. out

270

Fl. *mf* *p*

Si. *mp* *pp*

Cr. *mp* *pp*

bn. *mp* *pp*

erc. *p* *ppp*

no. *mp* *pp*

El. bc 33 bc 34

out

274

Fl. *mf*

Si. *mp*

Cr. *mp*

bn. *mp*

erc. *p*

no. *mp*

S. *mf*

El. bc 35

out

278

Fl. *p*

Cl. Si *pp*

Cr. *pp*

Tbn. *pp*

Perc. *ppp*

Pno. *pp*

Vlc. S. *p*

El. bc 36

El. out

282

Fl. *mf*

Cl. Si *mp*

Cr. *mp*

Tbn. *mp*

Perc. *p*

Pno. *mp*

Vlc. S. *mf*

El.

El. out

286 Senza Misura ♩=60  
Bass Drum

erc. *mf* gentile

no. *with left hand on bass strings*  
*f* gentile

.. S. *mf* gentile  
quasi campane  
bc 37

El.

out

287 Andante ♩=60  
con sentimento

.. S. *poco f*

El. bc 38

out

295 Senza Misura ♩=60

erc. *mf* poco disperato

no. *with left hand on bass strings*  
*poco f* poco disperato

.. S. *mf* poco disperato  
quasi campane  
bc 39

El.

out

297 **Andante**  $\text{♩} = 60$   
*doloroso*

Vlc. S. *mp*

El. *bc 40*

El. out

306 **Senza Misura**  $\text{♩} = 60$

Vlc. S. *p con speranza quasi campane*

El. *bc 41*

El. out

Vlc. S. *mp* *beato quasi campane*

El. *bc 42*

El. out *fpp*

Perc. **Coconut (or Woodblock)** *p*

Vlc. S.

El.

El. out