

timespace

for percussion quartet

Peter Hatch
(2013)

I. Time Zones
for two marimbas

II. Spooky Action
for four glockenspiel

III. Gravitas
for two marimbas, vibraphone and nipple gong set

duration ca. 23 minutes

Three Times was commissioned by TorQ Percussion Quartet
and is dedicated to the physicists of the Perimeter Institute for Theoretical Physics

timespace

for percussion quartet

I - Time Zones

Peter Hatch (Dec 2009)

$\text{♩} = 120-132$

Marimba 1a
Marimba 1b
Marimba 2a
Marimba 2b

mf

mf

mf

mf

Detailed description: This block contains the first six measures of the score for four marimbas. The tempo is marked as quarter note = 120-132. Marimba 1a has a melodic line starting in measure 6. Marimba 1b has a rhythmic pattern of eighth notes. Marimba 2a has a steady eighth-note accompaniment. Marimba 2b has a steady eighth-note accompaniment.

7 **A**

mf

mf

Detailed description: This block contains measures 7 through 12. Section A is marked with a box 'A' above measure 7. Marimba 1a continues its melodic line with accents. Marimba 1b continues its rhythmic pattern. Marimba 2a and 2b continue their accompaniment.

13 **B**

simile

Detailed description: This block contains measures 13 through 18. Section B is marked with a box 'B' above measure 13. Marimba 1a continues its melodic line with accents. Marimba 1b continues its rhythmic pattern. Marimba 2a and 2b continue their accompaniment. The instruction 'simile' is written above measure 14.

19 **C**

simile

25 **D**

simile

31 **E**

simile

37 **F**

simile

G

43

Musical score for measures 43-48. The system consists of four staves. The top staff is a treble clef with a melodic line of eighth and sixteenth notes. The second staff is a bass clef with a similar melodic line. The third and fourth staves are grand staves with a simple harmonic accompaniment of quarter notes.

49

Musical score for measures 49-54. The system consists of four staves. The top staff has a melodic line with a *simile* marking above it. The second staff has a melodic line with a *simile* marking above it. The third and fourth staves are grand staves with a simple harmonic accompaniment of quarter notes.

53

H

I

Musical score for measures 53-60. The system consists of four staves. The top staff has a melodic line with a *simile* marking above it. The second staff has a melodic line with a *simile* marking above it. The third and fourth staves are grand staves with a simple harmonic accompaniment of quarter notes.

61

Musical score for measures 61-66. The system consists of four staves. The top staff has a melodic line with a *simile* marking above it. The second staff has a melodic line with a *simile* marking above it. The third and fourth staves are grand staves with a simple harmonic accompaniment of quarter notes.

67 **J**

72

77

mp

simile

82

87 **K**

92 *mf*

97 **L** *simile*

102

107

This system contains five staves of music. The top staff is a treble clef with a melodic line of eighth and sixteenth notes. The second staff is a bass clef with a bass line of eighth and sixteenth notes, including some triplets. The third and fourth staves are treble clefs with accompaniment patterns. The fifth staff is a bass clef with a simple accompaniment pattern.

112

This system contains five staves of music, continuing the piece from the previous system. The notation and instrumentation are consistent with the first system.

117

This system contains five staves of music, continuing the piece. The notation and instrumentation are consistent with the previous systems.

122

M

This system contains five staves of music, starting at measure 122. A box containing the letter 'M' is placed above the first staff at the beginning of the system. The notation and instrumentation are consistent with the previous systems.

128

mp *mf* *mp* *simile*

134

mp *mf* *simile*

140

simile *mf* *simile*

146

simile

151

Musical score for measures 151-155. The score consists of four staves. The top staff is in treble clef, the second in bass clef, the third in treble clef, and the fourth in bass clef. The music features a complex melodic line in the top staff with many slurs and ties, and a steady eighth-note accompaniment in the bottom two staves.

156

Q

mp

Musical score for measures 156-160. The score consists of four staves. A box labeled 'Q' is placed above the first staff at the beginning of measure 156. The dynamic marking *mp* is placed below the first staff in measure 157. The music continues with the same complex melodic and accompaniment patterns as the previous system.

161

R

mp

simile

Musical score for measures 161-166. The score consists of four staves. A box labeled 'R' is placed above the first staff at the beginning of measure 161. The dynamic marking *mp* is placed below the first staff in measure 162. The dynamic marking *simile* is placed above the third staff in measure 163. The music continues with the same complex melodic and accompaniment patterns.

167

simile

Musical score for measures 167-171. The score consists of four staves. The dynamic marking *simile* is placed above the first staff in measure 167. The music continues with the same complex melodic and accompaniment patterns.

172

Musical score for measures 172-177. The system consists of four staves. The top staff is a treble clef with a melodic line of eighth and sixteenth notes. The second staff is a bass clef with a supporting line. The third staff is a treble clef with a rhythmic accompaniment. The bottom staff is a treble clef with a rhythmic accompaniment. The music is in a common time signature.

178 **S**

Musical score for measures 178-183. The system consists of four staves. The top staff is a treble clef with a melodic line. The second staff is a bass clef with a supporting line. The third staff is a treble clef with a rhythmic accompaniment. The bottom staff is a treble clef with a rhythmic accompaniment. A section marked 'S' begins at measure 178. The music is in a common time signature.

184

Musical score for measures 184-189. The system consists of four staves. The top staff is a treble clef with a melodic line. The second staff is a bass clef with a supporting line. The third staff is a treble clef with a rhythmic accompaniment. The bottom staff is a treble clef with a rhythmic accompaniment. The music is in a common time signature.

190

Musical score for measures 190-195. The system consists of four staves. The top staff is a treble clef with a melodic line. The second staff is a bass clef with a supporting line. The third staff is a treble clef with a rhythmic accompaniment. The bottom staff is a treble clef with a rhythmic accompaniment. The music is in a common time signature.

195

The musical score consists of four staves. The top staff is in treble clef and contains a melodic line with eighth and sixteenth notes, some beamed together, and rests. The second staff is in bass clef and contains a rhythmic accompaniment with eighth notes and rests. The third staff is in treble clef and contains a melodic line with eighth notes and rests, featuring slurs and accents. The bottom staff is in bass clef and contains a bass line with eighth notes and rests, also featuring slurs and accents. The score is divided into measures by vertical bar lines.

II - Spooky Action

♩ = 52

A

(NB lowest F#, A and Bb keys are 'prepared' with a dollar coin taped on for maximum buzz) *simile*

Glockenspiel Stage Left *mp*

Play 'gamelan style' - dampening note on attack of next note

(NB lowest F#, A and Bb keys are 'prepared' with a dollar coin taped on for maximum buzz) *simile*

Glockenspiel Stage Right *mf*

Play 'gamelan style' - dampening note on attack of next note

(NB lowest F#, A and Bb keys are 'prepared' with a dollar coin taped on for maximum buzz) *simile*

Glockenspiel Back Left *p*

Play 'gamelan style' - dampening note on attack of next note

(NB lowest F#, A and Bb keys are 'prepared' with a dollar coin taped on for maximum buzz)

Glockenspiel Back Right *p*

Play 'gamelan style' - dampening note on attack of next note

B

8

SL

SR

BL

BR *simile*

C

13

"x" indicates dampening of this note

SL *mf mp*

"x" indicates dampening of this note

SR *mf mp*

simile

"x" indicates dampening of this note

BL *mp*

simile

BR *p*

18 D

21 E

notes without noteheads indicate "deadened" random pitch":
stick remains on bar after playing note, producing a very dry sound

notes without noteheads indicate "deadened" random pitch":
stick remains on bar after playing note, producing a very dry sound

25

notes without noteheads indicate "deadened" random pitch":
stick remains on bar after playing note, producing a very dry sound

F

29

SL
SR
BL
BR

6 6 6 6 6

6 6 6 6 6

6 6 6 6 6

6 6 6 6 6

31

SL
SR
BL
BR

6 6 6 6 6 6 6 6 6 6

6 6 6 6 6 6 6 6 6 6

6 6 6 6 6 6 6 6 6 6

6 6 6 6 6 6 6 6 6 6

G

34

SL
SR
BL
BR

6 6 6 6 6 6 6 6 6 6

6 6 6 6 6 6 6 6 6 6

6 6 6 6 6 6 6 6 6 6

6 6 6 6 6 6 6 6 6 6

37

SL

SR

BL

BR

40

SL

SR

BL

BR

f

43

SL

SR

BL

BR

mp

H

47

SL (prepared)

SR (prepared)

BL (prepared)

BR

I

51

SL pitch bend

SR pitch bend

BL (prepared)

BR (prepared)

54

SL

SR pitch bend

BL pitch bend

BR pitch bend

57 (prepared) **J**

SL

SR

BL pitch bend

BR pitch bend

60 pitch bend (prepared)

SL

SR (prepared)

BL (prepared)

BR pitch bend

K Continue deadstick as before while bowing indicated notes.

64 bowed bowed bowed bowed

SL *mf*

SR Continue deadstick as before while bowing indicated notes. bowed bowed bowed

BL Continue deadstick as before while bowing indicated notes. bowed bowed

BR Continue deadstick as before while bowing indicated notes. bowed bowed

RUBATO (unpulsed, but in time)

71 **L** bowed until end

SL *mp*

SR bowed until end

BL *mp*

BR *mp*

79

SL

SR

BL

BR

85 **M**

SL

SR

BL *mp* **Improvise using bowed waterphone while moving towards stage**

BR

N

92

SL

SR

BL

BR

proceed to stage

101

SL

SR

BL

BR

III - Gravititas

Somewhat funky

♩ = 132

The musical score is arranged in four systems. The first system includes Nipple Gongs, Marimba 1, Vibraphone, and Marimba 2. The second system includes N.G., Mar., Vib., and Mar. The third system includes N.G., Mar., Vib., and Mar. The fourth system includes N.G., Mar., Vib., and Mar. The score is written in 3/8 time with a tempo of 132 beats per minute. The key signature has one sharp (F#). The Nipple Gongs part is mostly silent, with some notes in the final measure of the first system. Marimba 1 and 2 play a rhythmic pattern of eighth notes. The Vibraphone plays a melodic line with eighth notes. The N.G. part starts at measure 9 and features a melodic line with eighth notes and a dynamic marking of *f*. A section labeled 'A' begins at measure 16, where the N.G. part continues with a more complex melodic line.

2 22 **B**

N.G. 

Mar.  *mp*

Vib. 

Mar. 

Detailed description: This system contains the first system of music, starting at measure 22. It features four staves: N.G. (top), Mar. (second), Vib. (third), and Mar. (bottom). The N.G. staff has a melodic line with eighth notes and rests. The upper Mar. staff has a rhythmic pattern of eighth notes, with a *mp* dynamic marking. The Vib. staff has a melodic line with eighth notes and rests. The lower Mar. staff has a rhythmic pattern of eighth notes. A box labeled 'B' is positioned above the N.G. staff at measure 22.

30

N.G. 

Mar. 

Vib. 

Mar. 

Detailed description: This system contains the second system of music, starting at measure 30. It features four staves: N.G. (top), Mar. (second), Vib. (third), and Mar. (bottom). The N.G. staff has a melodic line with eighth notes and rests. The upper Mar. staff has a rhythmic pattern of eighth notes. The Vib. staff has a melodic line with eighth notes and rests. The lower Mar. staff has a rhythmic pattern of eighth notes.

39 **C**

N.G.  *mf*

Mar.  *mf*

Vib.  *mp*

Mar.  *mp*

Detailed description: This system contains the third system of music, starting at measure 39. It features four staves: N.G. (top), Mar. (second), Vib. (third), and Mar. (bottom). The N.G. staff has a melodic line with eighth notes and rests, with a *mf* dynamic marking. The upper Mar. staff has a melodic line with eighth notes and rests, with a *mf* dynamic marking. The Vib. staff has a rhythmic pattern of eighth notes, with a *mp* dynamic marking. The lower Mar. staff has a rhythmic pattern of eighth notes, with a *mp* dynamic marking. A box labeled 'C' is positioned above the N.G. staff at measure 39.

48 3

N.G. 

Mar. 

Vib. 

Mar. 

56 **D**

N.G. 

Mar. 

Vib. 

Mar. 

63 **E**

N.G. 

Mar. 

Vib. 

Mar. 

mp *mf*

71

N.G. 

Mar. 

Vib. 

Mar. 

4 79

N.G. **F**

Mar.

Vib.

Mar.

85

N.G. *mf*

Mar. *mf*

Vib.

Mar.

92 **G**

N.G. *p* *mf*

Mar. *p* *mf*

Vib. *p* *mf*

Mar. *p* *mf*

98

N.G. *p* *mf*

Mar. *p* *mf*

Vib. *p* *mf*

Mar. *p* *mf*

H

N.G. *p*

Mar. *p*

Vib. *p*

Mar. *p*

N.G. *mf*

Mar. *mf*

Vib. *mf*

Mar. *mf*

I ♩ = ♩ = 88

N.G. *mp*

Mar. *mp*

Vib. *p*

Mar. *p*

N.G.

Mar.

Vib. *mp* *p*

Mar. *mp*

N.G. 
Mar. 
Vib. 
Mar. 

N.G. 
Mar. 
Vib. 
Mar. 

N.G. 
Mar. 
Vib. 
Mar. 

N.G. 
Mar. 
Vib. 
Mar. 

J A tempo

139 $\text{♩} = 132$

N.G. *f*

Mar. *f*

Vib. *f*

Mar. *f*

A tempo

142

N.G.

Mar.

Vib.

Mar.

K

146

N.G. *mf*

Mar. *mf*

Vib. *mp*

Mar. *mp*

154

N.G.

Mar.

Vib.

Mar.

8 161 **L**

N.G.

Mar.

Vib.

Mar.

167

N.G.

Mar.

Vib.

Mar.

mf

mf

175 **M** **Molto Serioso**

N.G.

Mar.

Vib.

Mar.

M

182

N.G.

Mar.

Vib.

Mar.

N

189

N.G.

Mar.

Vib.

Mar.

198

N.G.

Mar.

Vib.

Mar.

O

207

N.G.

Mar.

Vib.

Mar.

215

N.G.

Mar.

Vib.

Mar.

10 222 **P**

Musical score for measures 222-225. The score is for N.G., Mar., and Vib. instruments. Measure 222 starts with a 4/4 time signature and a key signature of one flat. A dynamic marking of *f* is present. Measure 223 changes to 13/8 time. Measure 224 changes to 3/8 time. Measure 225 changes to 13/8 time. A dynamic marking of *mf* is present in measure 224. The N.G. part features a melodic line with triplets in measures 224 and 225. The Mar. part has a rhythmic accompaniment with triplets in measures 224 and 225. The Vib. part has a steady accompaniment.

225

Musical score for measures 225-228. The score is for N.G., Mar., and Vib. instruments. Measure 225 continues from the previous system. Measure 226 changes to 13/8 time. Measure 227 changes to 3/8 time. Measure 228 changes to 13/8 time. A dynamic marking of *mf* is present in measure 226. The N.G. part features a melodic line with triplets in measures 226 and 228. The Mar. part has a rhythmic accompaniment with triplets in measures 226 and 228. The Vib. part has a steady accompaniment.

228

Musical score for measures 228-231. The score is for N.G., Mar., and Vib. instruments. Measure 228 continues from the previous system. Measure 229 changes to 8/8 time. Measure 230 changes to 4/4 time. Measure 231 changes to 5/4 time. A dynamic marking of *mf* is present in measure 229. The N.G. part features a melodic line with triplets in measures 229 and 231. The Mar. part has a rhythmic accompaniment with triplets in measures 229 and 231. The Vib. part has a steady accompaniment.

231

Musical score for measures 231-234. The score is for N.G., Mar., and Vib. instruments. Measure 231 continues from the previous system. Measure 232 changes to 5/4 time. Measure 233 changes to 4/4 time. Measure 234 changes to 4/4 time. A dynamic marking of *mf* is present in measure 232. The N.G. part features a melodic line with triplets in measures 232 and 234. The Mar. part has a rhythmic accompaniment with triplets in measures 232 and 234. The Vib. part has a steady accompaniment.