

Cellular Hallucinations

For Solo Percussionist

Benjamin R. Fuhrman

Circa Seven Minutes Thirty Seconds.

Instrumentation

The piece utilizes multiple percussion instruments, all of which should be readily available in any band or orchestra hall. They are: Tam-Tam, Gong, Suspended Cymbal, Triangle, Chimes, Snare Drum, Three Temple Blocks (low, medium, and high pitch), and Bass Drum. In addition to these instruments, a bucket of water is also required. Additionally, I recommend using four hard marimba mallets for the performance of the piece. In the case of the triangle, this will require that the mallet be inserted through the triangle, and that the stick is used to play it.

In this piece, I've added several additional symbols to the notation. An arrow pointing up signifies a chime sweep from the low end to the high end. An arrow pointing down signifies a chime sweep from the high end to the low end. A diagonal arrow attached to a gong note indicates that the performer is to lower the gong into a bucket of water to produce the pitch bend effect.

Performance Notes

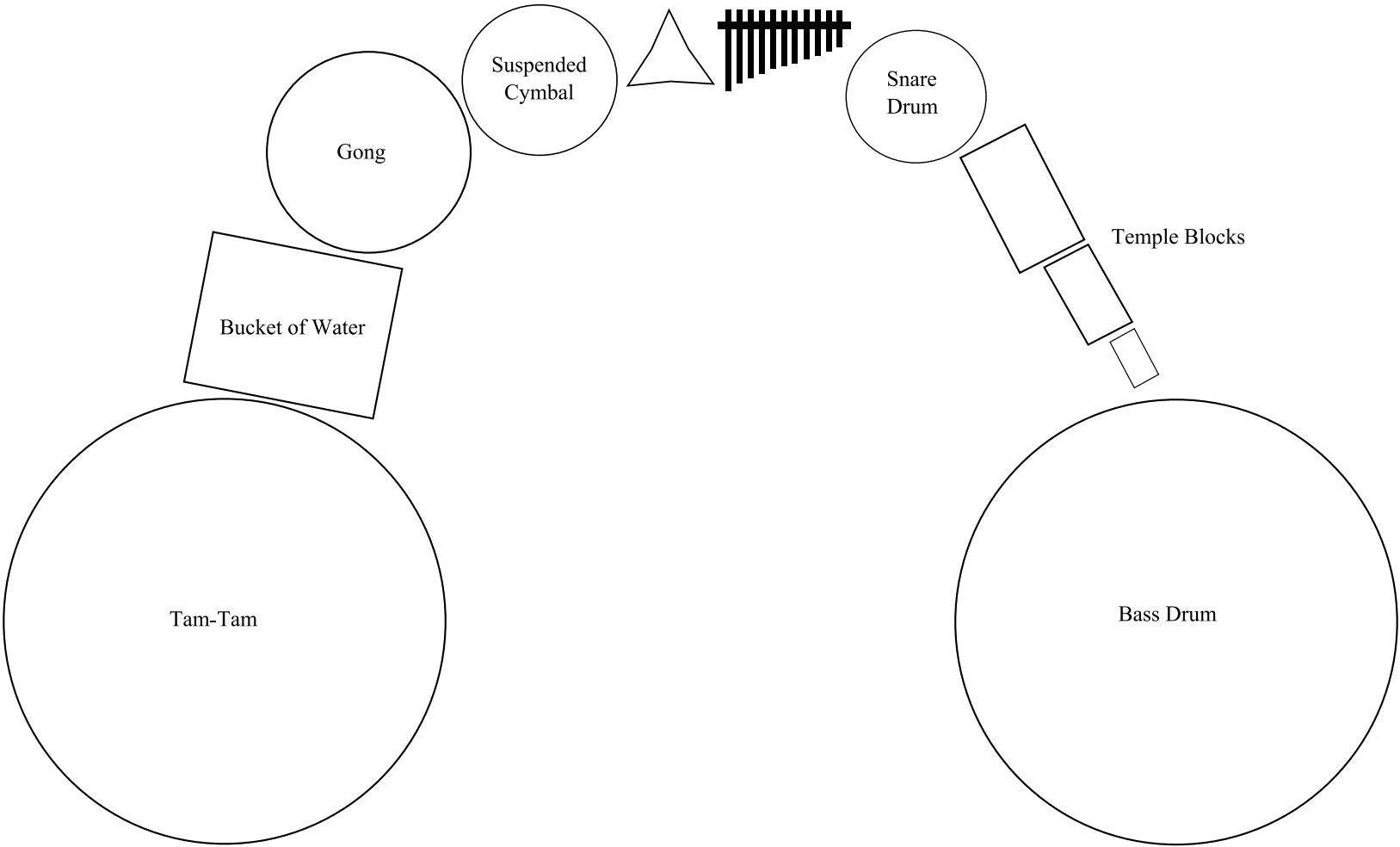
Ideally, the piece is to be played from memory in a pitch-black room to heighten the audience's awareness of the various aspects of the piece. To enhance some of the trance-like segments of the piece, incense burners should be placed around the audience.

To begin the piece, the performer positions himself in the center of the instruments. All lights are cut, and the piece begins immediately. At the conclusion of the piece, the performer is to leave the stage before the lights are turned on.

Program Notes

Cellular Hallucinations is based on the idea of reproduction by division. As such, parent cells of rhythmic and timbral material multiply to create similar and dissimilar child cells that then become parents in their own right. The interplay of these divisions gives way to musical phrases and dialogues between the instruments (some real, and some imagined) that grow over time to become organic, stream-of-consciousness style discourses on the synthetic evolution of the material.

-Benjamin R. Fuhrman
8 – 13 – 2008



Tam-Tam

Bucket of Water

Gong

Suspended
Cymbal

Snare
Drum

Temple Blocks

Bass Drum

To Grant, Ty, and all the other percussionists who have supported me through the years.

Cellular Hallucinations

for Solo Percussionist

Benjamin R. Fuhrman

Strictly in time ♩ = 144

Begin with snares off

Bass Drum
High Temple Block
Medium Temple Block
Low Temple Block
Snare Drum

Musical score for measures 1-10. The score is written for two staves. The top staff is for the drum set (Bass Drum, High Temple Block, Medium Temple Block, Low Temple Block, Snare Drum) and the bottom staff is for the chimes (Chimes, Triangle, Suspended Cymbal, Gong, Tam-Tam). The music features complex rhythmic patterns with triplets and accents. Dynamics include *f*, *sfz*, *mf*, and *fz*. There are also markings for *fz* and *fz* in the bottom staff.

Allow every note to
dissipate naturally.
Do not stop any notes. *f*

11

Musical score for measures 11-19. The score is written for two staves. The top staff is for the drum set and the bottom staff is for the chimes. The music continues with complex rhythmic patterns. Dynamics include *mp*, *f*, *mf*, *fff*, and *sfz*. There are also markings for *mp* and *mp* in the bottom staff.

20

Musical score for measures 20-28. The score is written for two staves. The top staff is for the drum set and the bottom staff is for the chimes. The music continues with complex rhythmic patterns. Dynamics include *f*, *mp*, *f*, *p*, *sfz*, *ff*, and *mp*. There are also markings for *f*, *mp*, *f*, *p*, and *mp* in the bottom staff.

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2
29

BD
H TB
M TB
L TB
SD

3

p *f* *p* *sfz sfz* *sfz sfz* *p* *p* *sfz ff*

f *mp* *sfz sfz*

Chimes
Tri.
Sus.
Gong
Tam

38

BD
H TB
M TB
L TB
SD

3

ff *p* *sfz* *sfz* *p* *snare on*

p *f* *p* *mp* *f* *ff* *sfz*

Chimes
Tri.
Sus.
Gong
Tam

47

BD
H TB
M TB
L TB
SD

ff *p* *ff* *p* *mf*

mp *f* *mp* *f* *f*

Chimes
Tri.
Sus.
Gong
Tam

57

BD
H TB
M TB
L TB
SD

sfz *mp* *f* *mp* *sfz* *ff* *mp* *ff* *mp*

Chimes
Tri.
Sus.
Gong
Tam

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70

BD
H TB
MTB
L TB
SD

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

Chimes
Tri.
Sus.
Gong
Tam

mf *ff*

78

BD
H TB
MTB
L TB
SD

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

Chimes
Tri.
Sus.
Gong
Tam

85

BD
H TB
MTB
L TB
SD

p *mp* *ff* *ff*

Chimes
Tri.
Sus.
Gong
Tam

93

BD
H TB
MTB
L TB
SD

mp *ff* *mp* *ff* *mp* *ff* *mp* *ff*

Chimes
Tri.
Sus.
Gong
Tam

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4
101

Gamelan-esque,
somewhat rubato ♩ = 120

snare off

BD
H TB
MTB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

mp ff ff ff mp p

mp ff mf ff p

9/16 9/16

Detailed description: This system covers measures 101 to 106. It features two staves: the top staff for percussion (BD, H TB, MTB, L TB, SD) and the bottom staff for Chimes (Tri., Sus., Gong, Tam). The percussion part has a complex rhythmic pattern with accents and dynamic markings of mp, ff, and p. The Chimes part has a melodic line with accents and dynamic markings of mp, mf, ff, and p. A 9/16 time signature change is indicated at the end of the system.

110

BD
H TB
MTB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

f p mp ff

Detailed description: This system covers measures 110 to 116. The percussion part has a steady eighth-note pattern with accents and dynamic markings of f and p. The Chimes part has a melodic line with accents and dynamic markings of mp and ff. Triplet markings are present in the Chimes part for measures 114-116.

117

BD
H TB
MTB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

ff p p ff mp sfz mp sfz mp sfz ff

Detailed description: This system covers measures 117 to 125. The percussion part has a complex rhythmic pattern with accents and dynamic markings of ff, p, and sfz. The Chimes part has a melodic line with accents and dynamic markings of mp, sfz, and ff. Triplet markings are present in the Chimes part for measures 117-118 and 124-125.

126

BD
H TB
MTB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

p f

Detailed description: This system covers measures 126 to 130. The percussion part has a complex rhythmic pattern with accents and dynamic markings of p and f. The Chimes part has a melodic line with accents and dynamic markings of p and f. Triplet markings are present in the Chimes part for measures 126-127 and 129-130.

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134

BD
H TB
MTB
L TB
SD

Musical score for measures 134-138. The top staff (BD, H TB, MTB, L TB, SD) features a complex rhythmic pattern with triplets and accents. The bottom staff (Chimes, Tri., Sus., Gong, Tam) is mostly empty with some rests. Dynamics include *mp* and *f*.

139

BD
H TB
MTB
L TB
SD

Musical score for measures 139-144. The top staff continues with complex rhythmic patterns. The bottom staff has rests. Dynamics include *f* and *mp*. A trill (tr) is marked at the end of measure 144.

145

BD
H TB
MTB
L TB
SD

Musical score for measures 145-150. The top staff features a change in time signature to 7/16 and includes triplets and accents. The bottom staff has rests. Dynamics include *mp* and *f*.

151

BD
H TB
MTB
L TB
SD

Musical score for measures 151-155. The top staff continues with complex rhythmic patterns and accents. The bottom staff has rests. Dynamics include *mp* and *ff*.

ff

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6
157

BD
H TB
M TB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

mp *f* *mp*

162

BD
H TB
M TB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

mp *sfz* *ff* *ff* *p*

168

BD
H TB
M TB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

mf *f* *ff*

175

BD
H TB
M TB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

sfz *sfz* *sfz* *f* *f* *f* *pp*

Cellular Hallucinations

181

BD
H TB
M TB
L TB
SD

Musical score for measures 181-188. The score is written for a percussion ensemble (BD, H TB, M TB, L TB, SD) and Chimes (Tri, Sus, Gong, Tam). The music features complex rhythmic patterns with accents and dynamic markings. The percussion parts are highly active, while the chimes provide a more melodic accompaniment. Dynamic markings include *ff*, *p*, *sfz*, *f*, and *ff*. The tempo is marked *A Tempo* with a quarter note equal to 144.

189

BD
H TB
M TB
L TB
SD

Musical score for measures 189-196. The score continues with similar rhythmic complexity. The percussion parts feature dense patterns of notes, often with accents. The chimes part has a more melodic line. Dynamic markings include *fff*, *mf*, *sfz*, and *ff*. The tempo remains *A Tempo* with a quarter note equal to 144.

197

BD
H TB
M TB
L TB
SD

Musical score for measures 197-207. The score includes a section where the snare drum is turned on. The percussion parts are highly rhythmic, with many notes and accents. The chimes part has a melodic line with some rests. Dynamic markings include *f*, *sfz*, *ff*, *mf*, *pp*, and *f*. The tempo is marked *A Tempo* with a quarter note equal to 144.

208

BD
H TB
M TB
L TB
SD

Musical score for measures 208-215. The score features triplet patterns in the percussion parts. The chimes part has a melodic line with some rests. Dynamic markings include *f*, *p*, *sfz*, *f*, *mp*, *ff*, and *p*. The tempo remains *A Tempo* with a quarter note equal to 144.

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8
219

BD
H TB
MTB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

mp ff *ff* *mf* *ff* *sfz* *ff* *sfz* *p* *ff* *p* *f*

3 3 3 3 5

Detailed description: This system contains measures 219 through 225. The upper staff (BD, H TB, MTB, L TB, SD) features a complex rhythmic pattern with triplets and sixteenth-note runs. The lower staff (Chimes, Tri., Sus., Gong, Tam) includes triplets, sixteenth-note runs, and a five-note phrase. Dynamics range from *mp* to *ff*. A *p* dynamic appears in measure 223. A five-measure phrase is marked in measure 225.

226

BD
H TB
MTB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

p *p* *f* *mf* *ff* *sfz p* *f* *p*

5 5 5 5 5 5 5 5 5 5 5 5 5 5

Detailed description: This system contains measures 226 through 236. The upper staff features five-measure phrases and sixteenth-note runs. The lower staff includes five-measure phrases, sixteenth-note runs, and trills. Dynamics range from *p* to *ff*. Trills are marked in measures 233 and 234. A *p* dynamic is marked in measure 236.

237

BD
H TB
MTB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

ff

5 5 5 5 5 5 5 5 5 5 5 5 5 5

Detailed description: This system contains measures 237 through 243. The upper staff features a continuous sixteenth-note pattern with five-measure phrases. The lower staff is mostly silent. A *ff* dynamic is marked in measure 243. A trill is marked in measure 243.

244

BD
H TB
MTB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

mp *mp* *p* *mf*

Detailed description: This system contains measures 244 through 250. The upper staff features sixteenth-note runs and sixteenth-note patterns. The lower staff includes sixteenth-note runs and sixteenth-note patterns. Dynamics range from *mp* to *mf*. A *ff* dynamic is marked in measure 244. A *p* dynamic is marked in measure 247. A *mf* dynamic is marked in measure 250.

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251

BD
H TB
MTB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

p *f* *p* *f* *mf*

ff *mp ff mp ff* *ff*

Measures 251-258: This system contains measures 251 through 258. The upper staff (BD, H TB, MTB, L TB, SD) features complex rhythmic patterns with accents and dynamic markings of *p*, *f*, *mf*, and *ff*. The lower staff (Chimes, Tri., Sus., Gong, Tam) has a more melodic line with dynamic markings of *ff*, *mp ff mp ff*, and *ff*. Measure 258 ends with a fermata.

259

BD
H TB
MTB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

f *f* *f* *f*

ff *sfz ff* *sfz ff* *p*

Measures 259-265: This system contains measures 259 through 265. The upper staff continues with rhythmic patterns, including triplets and accents, with dynamic markings of *f* and *f*. The lower staff has dynamic markings of *ff*, *sfz ff*, *sfz ff*, and *p*. Measure 265 ends with a fermata.

266

BD
H TB
MTB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

f *p* *sfz ff* *f* *sfz ff* *f* *sfz ff* *f* *f* *f* *f*

sfz f *sfz f* *sfz f* *p*

Measures 266-273: This system contains measures 266 through 273. The upper staff features complex rhythmic patterns with accents and dynamic markings of *sfz f* and *p*. The lower staff has dynamic markings of *f*, *p*, *sfz ff*, *f*, *sfz ff*, *f*, *sfz ff*, *f*, *f*, *f*, and *f*. Measure 273 ends with a fermata.

274

BD
H TB
MTB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

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

p *ff* *p* *sfz* *sfz*

Measures 274-281: This system contains measures 274 through 281. The upper staff features complex rhythmic patterns with accents and dynamic markings of *mf*, *f*, *ff*, *f*, *ff*, *sfz ff*, and *sfz ff*. The lower staff has dynamic markings of *p*, *ff*, *p*, *sfz*, and *sfz*. Measure 281 ends with a fermata.

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10 *sfz*
283

BD
H TB
MTB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

ff 5 5 5 5 5 5 *fff* *f* *f* *f* *f*

289

BD
H TB
MTB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

mp *ff* *snare off*

295

BD
H TB
MTB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

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

300

BD
H TB
MTB
L TB
SD

Chimes
Tri.
Sus.
Gong
Tam

ff *f* *ff* *ffff* *sfz* *sfz* *sfz*

Cellular Hallucinations

305

BD
H TB
M TB
L TB
SD

sfz

sfz

sfz

ff

ffff

*Throw mallets
to the floor and
walk offstage.*