



Danny Buckley

Compositeur, Interprete

États-Unis, Decatur

A propos de l'artiste

Born 1987, I began playing guitar at the age of 14 and soon after I began composing within the Heavy Metal idiom. In 2006 I began my undergraduate studies in Music Business at Millikin University. In the fall of 2006 I began to compose piano and instrumental music; and my style has evolved to encompass a wide range from Heavy Metal to Impressionism and even 12 tone serialism. within these different styles I bring what I have emotionally into my work to make it my own.

Enjoy,

Danny Buckley

Page artiste : http://www.free-scores.com/partitions_gratuites_dbuckley.htm

A propos de la pièce



Titre :	Hawking Radiation
Compositeur :	Danny Buckley
Arrangeur :	Danny Buckley
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Editeur :	Danny Buckley
Style :	Electro

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Hawking Radiation

Electroacoustic work for Piccolo, Flute,
Violin, and Pre-recorded Electronics

Composed by Danny Buckley
2018

Program Notes:

Hawking Radiation is defined as the theoretical radiation that is emitted from black holes due to quantum events near the event horizon. This Phenomenon is named after the physicist Stephen Hawking, who provided a theoretical argument for its existence.

My goal while composing this work was to capture both the essence of beauty and chaos of a black hole. This work is my interpretation of how I envision a black hole phenomenon and how I envision it from a musical perspective.

$$T = \frac{1}{M} \frac{\hbar c^3}{8k\pi G}$$

Instrumentation:

Piccolo

Flute

Violin

2-channel pre-recorded electronics

Performance Notes:

Concerning the Flute and Piccolo parts:

In the free notation sections instructions are given to play the system of notes in random alternating orders as fast as possible. (AFAP)

Concerning the Violin Part:

The extreme high end Harmonics are notated 8va to avoid the use of too many ledger lines.

In the sections marked with tone cluster slides instructions are given to play any notes on all four strings and to slide as high as possible and back down again as far as possible and repeat. (Any cluster of notes may be played with as much dissonance as possible)

The same also holds true for pizzicato clusters; random combination of notes as dissonant as possible.

Concerning the Electronics:

The volume of the electronics should be loud enough to be heard but not set too loud as to overpower the acoustic instruments. Discretion and care are left to the performers in this case.

various electronic events will be notated on the staff when they begin, to serve as cue points within the score.

All Tempo markings are marked Exactly and should be followed as such so as not to get off track from the electronic recording.

Hawking Radiation

Danny Buckley

Exactly ♩ = 65

Piccolo

Flute

Violin

Electronics

f

pp *mf* *mp*

electronics begin *electronic breaths*

10

Picc.

Fl.

Vln.

Elec.

mf

mp

ff *mf*

19

Exactly ♩ = 135 on beat 2

Exactly ♩ = 65

Picc.

Fl.

Vln.

Elec.

f

ff *pizz. con forza*

24 Picc. *ppp* *tape delay bells* *f* *massive voice cluster*

24 Fl.

24 Vln. *arco* *ppp* *f*

24 Elec.

33 Picc. *f*

33 Fl.

33 Vln.

33 Elec.

43 Picc. *p* *mf* *p*

43 Fl. *f*

43 Vln. *ff*

43 Elec.

51

Picc. 

Fl. 

Vln.  *pizz.*
pp

Elec. *51 electronic ahhs ornamented*

f

58

Picc. 

Fl. 

Vln. 

Elec. *58*

63

Picc. 

Fl. 

Vln.  *f* *3* *3* *3*

Elec. *63*

68 Picc. Fl. Vln. Elec.

68 *f*

Exactly ♩=26 Exactly ♩=65 Picc. Fl. Vln. Elec.

75 *p* *mf* *mf*

75 arco *mf* roaring wind

82 Picc. Fl. Vln. Elec.

82 *f* *ff*

86

Picc. *mp*

Fl.

Vln. *mf*

Elec.

93

Picc. *f*

Fl. *f*

Vln. *mp*

Elec.

98

Picc. *pp*

Fl.

Vln.

Elec.

Exactly ♩=150 on beat 3

106

Picc.

Fl.

Vln.

Elec.

sul e

mf

mf

113

Picc.

Fl.

Vln.

Elec.

Exactly ♩=65

f

ff

ff

pizz.

scary breathing effect

120

Picc.

Fl.

Vln.

Elec.

arco

slide as high as possible

ff

improvise on these pitches in any order AFAP

improvise on these pitches in 11 any order AFAP

128

Picc.

Fl.

Vln.

Elec.

ff

improvise on these pitches in any order AFAP

136

Picc.

Fl.

Vln.

Elec.

mf

ff

improvise on these pitches in any order AFAP

143

Picc.

Fl.

Vln.

Elec.

150

Picc. *f*

Fl. *mf*

Vln. *mf*

Elec.

159

Picc.

Fl. *mf*

Vln. *ff* *sul e* *sul a*

Elec.

167

Picc. *ff*

Fl. *ff*

Vln.

Elec.

171

Picc.

Fl.

Vln.

Elec.

improvise on these pitches in any order AFAP

b b b b b b b

178

Picc.

Fl.

Vln.

Elec.

ff

ff

arcopont

massive voice cluster

ff

186

Picc.

Fl.

Vln.

Elec.

