

Out Reaching

for two percussion and string quartet, live electronics

Xiang Li
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Instrumentation

Percussion 1: marimba, triangle, bass drum

Percussion 2: vibraphone, cymbals

Violin I, II

Viola

Violoncello

Live electronics control

Performance Note:

Sul pont. – sul ponticello, the bow playing should be close to the fingerboard

Sul tasto, - the bow playing should close to the bridge

N – natural bowing position

Extreme. – play as close as to the fingerboard/bridge.

Wide vibrato: performers need to follow the drawing shape to create vibrato sound.

Electronics sound sources:

All the sound sources are fixed media and pre-recorded.



: Radio Noise;



:Alien Beacon;



:Sci-Fi Scanner;



:Electronic Mintu;



:Future Computing

Programme Note

The piece is written for two percussionists, string quartet and live electronics control. The initially musical idea inspired by the image of vast sky and the outer space are fascinating dream. In human history, there are countless attempts of trying to reach the higher sky. From hundred years ago, Chinese inventor Wan Hoo who take-off on a chair with rockets and kites, to Wright Brothers who flew with the world's first successful aircraft. Then to first commercial manned space mission is completed in 2020. There were both failures and successes, but each time it brings the spark of human spirits further to a deeper sky. The harmony language in the piece between consonance and dissonance, using sul ponticello and sul tasto by extremely effect playing to achieve a unstable picture; that sense of challenge, this piece uses string quartet to portray a spaceship traveling in the outer space. It sees stars and planets passing by, seeing the starlight shines and leaves darkness to the back. The percussions and electronics add various experiences to this journey, they might be messages from unknown creatures, cosmic turbulences, spacecraft malfunctions signals, and etc.

Duration:

Approx. 7'30''

Out Reaching
for two percussion and string quartet, live electronics

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♩=54

Percussion 1

Percussion 2

Violin I

Violin II

Viola

Violoncello

Electronics

Marimba

Vibraphone

sul pont.(extreme)

sul pont.(extreme)
as close as to the bridge

Radio Noise

pp

p

ppp

pp

4

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

pp

mf

p

pp

f

pp

ppp

f

pp

ppp

pp

mf

pp

f

7

Per. 1 *p* *ppp*

Per. 2 *p* *ppp* l.v.

Vln. I *mf*

Vln. II

Vla. *mf* *pp* *ppp*
sul tasto (extreme)
as close as to the fingerboard

Vc. *ppp* *mp* *ppp*
sul tasto (extreme)
as close as to the fingerboard

Electr. *p*

3/4

9

Per. 1 *mf* *p*

Per. 2 *mf* *p* l.v.

Vln. I *pppp* *p* *f* *p*
sul pont.(extreme)

Vln. II *pppp* *p* *f* *p*
sul pont.(extreme)

Vla. *p* *f* *p*
sul pont.(extreme)

Vc. *p* *f* *p*
sul pont.(extreme)

Electr. *ppp* *mp* *pp*

wide vibrato
follow the shape

3/4

[illegible]

20

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

pppp *mf* *ppp*

pppp *p* *pp* *ff* *ppp*

f *p* *pp* *ff* *ppp*

ppp *f* *pp* *ff* *ppp*

p *mf* *f* *pp*

mf *mf* *p* *f*

pp *f*

l.v.

sul tasto

sul tasto (extreme)

sul tasto

sul tasto

sul tasto (extreme)

sul tasto (extreme)

Sci-Fi Scanner

25

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electronic Minute

ppp

ff

ppp

gliss.

pp

ppp

This musical score is for the piece "The Great Wall" by John Adams. It features a full orchestral ensemble with the following parts:

- Perc. 1:** Features a triangle and a freeze cymbal. Dynamics include *ppp*.
- Perc. 2:** Features a freeze cymbal. Dynamics include *mf* and *p*.
- Vln. I:** Dynamics include *pp*, *ppp*, and *p*. Includes glissando markings.
- Vln. II:** Dynamics include *ppp* and *p*. Includes glissando markings.
- Vla.:** Dynamics include *pppp* (as quiet as possible), *ppp*, and *mf*.
- Vc.:** Dynamics include *pppp* (as quiet as possible).
- Electr.:** Features a cyan line representing an electric bass part, with a *mf* dynamic marking at the end.

The score is written for a 5/4 time signature and includes various musical notations such as glissandos, slurs, and dynamic markings.

37

Tri.

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

D

Marimba

ppp

p

pp

pppp

with vibrato

pp

p

mf

p

mf

p

43

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

ppp

ppp

pp

f

p

mf

pp

mf

pp

This musical score is for the film 'The Great Wall' by John Williams. It covers measures 46, 47, and 48. The score is arranged for a large ensemble, including two Percussion parts (Per. 1 and Per. 2), Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Electric Bass (Electr.).

Measure 46: The Percussion parts play a rhythmic pattern of eighth notes, marked *f* (forte). The Violin I part has a glissando (gliss.) marked *p* (piano). The Violoncello part has a long note marked *pp* (pianissimo). The Electric Bass part is marked *pp*.

Measure 47: The Percussion parts continue their rhythmic pattern, marked *f*. The Violin I part has a glissando marked *p*. The Violoncello part has a long note marked *pp*. The Electric Bass part is marked *pp*.

Measure 48: The Percussion parts play a rhythmic pattern of eighth notes, marked *pp* (pianissimo). The Violin I part has a glissando marked *mf* (mezzo-forte). The Violoncello part has a long note marked *pp*. The Electric Bass part is marked *pp*.

48

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

sul ponticello.

gliss.

mp

mf

p

f

mp

pp

50

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

Future Computing

p

mf

pp

mp

ppp

p

p

52

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

E

pp

ppp

mp

p

mf

p

pp

ppp

p

mf

mp

54

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

pp

p

ppp

gliss.

mf

gliss.

gliss.

gliss.

gliss.

mf

pp

mf

55

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

pp

pp

pp

gliss.

gliss.

gliss.

gliss.

gliss.

mf

p

gliss.

p

pp

pp

mf

pp

56

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

p

pp

gliss.

mf

p

pp

mp

57

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

p

pp

p

pp

gliss.

p

mp

p

pp

mp

pp

mp

58

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

p

p

pp

mp

gliss.

gliss.

gliss.

gliss.

mp

p

pp

mp

59

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

mf

mf

mf

p

gliss.

gliss.

gliss.

gliss.

mp

p

pp

gliss.

gliss.

mp

mp

60

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

pp

pp

p

pp

gliss.

gliss.

gliss.

gliss.

mf

pp

61

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

ff

ff

pp

f

mp

f

mp

f

mp

gliss.

gliss.

gliss.

gliss.

gliss.

mp

mp

mp

mp

62

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

pp

ppp

pp

ppp

gliss.

mf

mp

mf

mp

gliss.

mf

mp

gliss.

mf

mp

mp

63

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

p

pp

p

pp

mf

mf

mf

64

G

Bass Drum

Per. 1

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

65

5/4

B. D.

Per. 2

Vln. I

Vln. II

Vla.

Vc.

Electr.

67

B. D. *pp* *ff*

Per. 2 *mf*

Vln. I *mf* *pp* *ff* *p* *f*

Vln. II *mf* *pp* *f* *p*

Vla. *mf* *pp* *f* *ppp*

Vc. *pp* *f* *ppp* *pp* *f*

Electr. *p* *pp*

Cymbals

71

B. D. *f*

Cym. *mp*

Vln. I *p* *f* *p* *ff*

Vln. II *p* *f* *p* *ff*

Vla. *f* *mp* *p mp* *p*

Vc. *mp* *p mp* *p*

Electr. *p* *ppp* *ppp* *pp* *p*

1 2

75

B. D.

Cym.

Vln. I

Vln. II

Vla.

Vc.

Electr.

2

1

ppp

ff *ffff* *ff*

ff *fff* *f*

p *ff* *f* *fff* *p*

p *ff* *f* *fff* *p*

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

mf *p* *ff* *p*

The image displays a musical score for the film 'The Day After Tomorrow'. The score is arranged in a system with eight staves. The top two staves are for B. D. (Bass Drum) and Cym. (Cymbal), both marked with a double bar line and a 'H' in a box, indicating a specific sound effect. The next two staves are for Marimba and Vibraphone, both marked with a double bar line and a 'H' in a box, indicating a specific sound effect. The bottom four staves are for Vln. I, Vln. II, Vla. (Viola), and Vc. (Violoncello). The Vln. I and Vln. II staves are marked with 'pp' (pianissimo) and 'gliss.' (glissando). The Vla. and Vc. staves are marked with 'pp' and 'gliss.'. The Electr. (Electric) staff is marked with a double bar line and a 'H' in a box, indicating a specific sound effect. The score is in 2/4 time, with a key signature of one flat (B-flat). The tempo is marked 'Allegro'. The score shows a transition from 2/4 to 4/4 time signature at the end of the first measure.

86

Mar.

Vib.

Vln. I

Vln. II

Vla.

Vc.

Electr.

ppp

ppp

gliss.

gliss.

p *ppp*

p *ppp*

p *pp*

p *ppp*

gliss.

p

90

Mar.

Vib.

Vln. I

Vln. II

Vla.

Vc.

Electr.

pp *ppp*

pp

pp

ppp

gliss.

gliss.

gliss.

gliss.