

Mads Emil Dreyer

Chimera pt. 1 (2023)

for three performers

Dur. 6'30"

Commissioned by K!ART

SCORE

Edition·S music-sound-art

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PERFORMANCE NOTES

This piece was written in late 2023 for the ensemble K!ART.

Each instrument is equipped with a contact microphone and a surface transducer. The acoustic sounds are picked up the microphones and sent back through the transducers which creates three closed microphone/speaker feedback circuits.

Player 1

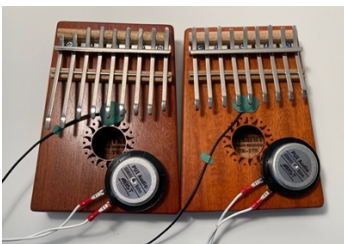
Plays two kalimbas. Boxed numbers above the staff refer to numbers on stickers on each kalimba key.

Kalimba 1 tuning:

1) C#5/554hz + 2) D5/587hz + 3) D#5/622hz + 4) E5/659hz + 5) F5/698hz
6) F#5/740hz + 7) A5/880hz + 8) C6/1047hz + 9) C#6/1109hz

Kalimba 2 tuning:

1) A#4/466hz + 2) C5/523hz + 3) C#5/554hz + 4) D5/587hz + 5) E5/659hz
6) G5/784hz + 7) A5/880hz



Player 2

Plays two small guitars. Boxed numbers above the staff refer to string numbers.

Guitar 1 tuning:

i) A₄/440hz + ii) G₄/392hz + iii) F_{#4}/370hz + iv) D₄/294hz
v) C_{#4}/277hz + vi) A_{#3}/233hz

Guitar 2 tuning:

i) G₄/392hz + ii) D₄/294hz + iii) C_{#4}/277hz + iv) C₄/262hz
v) A_{#3}/233hz + vi) A₃/220hz



Player 3

Plays a violin. Glissandi are performed with the fine tuners on the tailpiece - arrow up means turning the tuner to the right, and arrow down means turning the tuner to the left.

Violin tuning:

(note that order of strings is reversed, i.e. iv is highest, i is lowest)

i) D₃/147hz + ii) G₃/196hz + iii) A₃/220hz + iv) D₄/294hz



Equipment

2 × Thomann TK17-R kalimbas
2 × Vilac children's guitars
1 × Thomann classic violin 4/4
1 × Gewa pure violin bow 1/16
2 × Thomann GSG20m glockenspiel mallets
5 × Dayton Audio DTA-1 amplifiers
5 × PUI ASX05408-HD-R 8ohm transducers
a computer with audio interface (i/o min 5/5) and Max/MSP
one or two tables and three chairs

Contact

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Chimera pt. 1

♩=84

laissez vibrer sempre

Kalimba 1

Guitar 1

Violin

* -boxed numbers in kalimba part refer to numbers on instrument.
 -boxed roman numerals in guitar part refer to string numbers (highest string is i, lowest string is vi).
 -boxed roman numerals in violin part refer to string numbers (highest string is i, lowest string is iv. note that, for performance purposes, order of strings has been reversed. pitches next to string numbers indicate current tuning of string.

Kal 1

Gui 1

Vln

* arrows mean turn fine tuners up (right) or down (left)

Kal 1

Gui 1

Vln

Kal 1

Gui 1

Vln

scratch strings w. fingernail

scratch bridge w. fingernail

21

Kal 1

Gui 1

Vln

26

Kal 1

Gui 1

Vln

31

Kal 1

Gui 1

Vln

36

Kal 1

Gui 1

Vln

41 7 7 3 9 8+9

Kal 1

Gui 1

Vln $\rightarrow D4$ iv D4

46 8+9 8+9 8+9 8+9

Kal 1

Gui 1

Vln

51 4 4 7 1

Kal 1

Gui 1 v i v

Vln iv D4 \rightarrow D#4 iv D#4

56 7 2 7 2 7

Kal 1

Gui 1 i vi vi

Vln iv D#4 \rightarrow E4 iv E4

61 3/8 4/4 3/8 3/8

Kal 1 1 7 7

Gui 1 v i v i

Vln iv E4 iv E4

66 4/8 8+9 8+9 9 8 8+9

Kal 1 5 8+9 8+9 9 8 8+9

Gui 1

Vln

71 8+9 8+9 8+9 9 8 3/8

Kal 1 8+9 8+9 8+9 9 8

Gui 1

Vln

76 3/8 3/8 2 6 3/8 2 6 3/8

Kal 1 6 2 6 2 6

Gui 1 iv iii iv iii

Vln iii A3

81

Kal 1

Gui 1

Vln

86

Kal 1

Gui 1

Vln

91

Kal 1

Gui 1

Vln

96

Kal 1

Gui 1

Vln

101

Kal 1

Gui 1

Vln

106

Kal 1

Gui

Vln

111

Kal 1

Gui

Vln

116

Kal 1

Gui

Vln

121 9

Kal 1 9 8+9 8+9 9 8 4

Gui 1

Vln

126 8+9 8+9 4 10

Kal 1 8+9 8+9 4

Gui 1 v

Vln iii A3

131 7 1 7 2 7 4

Kal 1 7 1 7 2 7

Gui 1 i v i vi ii

Vln iv D4 iii A3 iv D4 → D#4 iii A3 iv D#4

136 2 7 1 7 3

Kal 1 2 7 1 7

Gui 1 vi ii v i

Vln iv D#4 → D4 iii A3 iv D4 iii A3

141

146

150

153

158

163

Kal 2

Gui 2

Vln

12

168 roll rubber mallet up and down across all keys

Kal 1

Kal 2

Gui 2

Vln

173

Kal 1

Kal 2

Gui 2

Vln

178

Kal 1

Kal 2

Gui 2

Vln

183 13

Kal 1

Kal 2

Gui 1

Gui 2

Vln

use thin end of mallet

188

Kal 1

Kal 2

Gui 1

Gui 2

Vln

193

Kal 1

Kal 2

Gui 1

Gui 2

Vln

14

198

Musical score for measures 198-202. The score is for five staves: Kal 1, Kal 2, Gui 1, Gui 2, and Vln. The key signature has two sharps (F# and C#). The time signature is 4/8. Measure 198 starts with a 5/8 time signature. Measures 199-202 are in 4/8. Kal 1 and Gui 1 have long horizontal lines with slurs, indicating sustained notes. Kal 2 and Gui 2 have rhythmic patterns with fingerings (3, 4, 7, 4, 2, 4, 7, 4, 2, 4, 7) and fret numbers (iv, ii, i, iv, ii, i, iv, ii). Vln has sustained notes with slurs.

203

Musical score for measures 203-207. The score is for five staves: Kal 1, Kal 2, Gui 1, Gui 2, and Vln. The key signature has two sharps (F# and C#). The time signature is 4/8. Measure 203 starts with a 5/8 time signature. Measures 204-207 are in 4/8. Kal 1 and Gui 1 have long horizontal lines with slurs. Kal 2 and Gui 2 have rhythmic patterns with fingerings (4, 2, 4, 7, 4, 2, 3, 7, 3) and fret numbers (i, iv, i, iv). Vln has sustained notes with slurs.

208

Musical score for measures 208-212. The score is for five staves: Kal 1, Kal 2, Gui 1, Gui 2, and Vln. The key signature has two sharps (F# and C#). The time signature is 4/8. Measure 208 starts with a 5/8 time signature. Measures 209-212 are in 5/8. Kal 1 and Gui 1 have long horizontal lines with slurs. Kal 2 and Gui 2 have rhythmic patterns with fingerings (2, 3, 7, 3, 3, 3, 7) and fret numbers (iv, iv). Vln has sustained notes with slurs.

213

4
8

Musical score for measures 213-217. The score is arranged in five staves: Kal 1, Kal 2, Gui 1, Gui 2, and Vln. The time signature is 4/8. Kal 1 and Gui 1 play sustained chords with slurs. Kal 2 and Vln play moving lines with slurs. Boxed '7' indicates a fingering for Kal 2. The system concludes with a repeat sign.

218

15
8

4
8

15
8

Musical score for measures 218-222. The score is arranged in five staves: Kal 1, Kal 2, Gui 1, Gui 2, and Vln. The time signature is 4/8. Kal 1 and Gui 1 play sustained chords with slurs. Kal 2 and Vln play moving lines with slurs. Boxed '7' indicates a fingering for Kal 2. The system concludes with a repeat sign.

223

15
8

Musical score for measures 223-227. The score is arranged in five staves: Kal 1, Kal 2, Gui 1, Gui 2, and Vln. The time signature is 4/8. Kal 1 and Gui 1 play sustained chords with slurs. Kal 2 and Vln play moving lines with slurs. Boxed '7' indicates a fingering for Kal 2. The system concludes with a repeat sign.

228

Musical score for measures 228-232. The score is arranged in five staves: Kal 1, Kal 2, Gui 1, Gui 2, and Vln. Kal 1 and Gui 1 play a melodic line with a 7th fret box. Kal 2 and Gui 2 are silent. Vln plays a bass line with a 7th fret box. Time signatures 4/8 and 12/8 are indicated.

16

233

Musical score for measures 233-237. The score is arranged in five staves: Kal 1, Kal 2, Gui 1, Gui 2, and Vln. Kal 1 and Gui 1 play a melodic line with a 7th fret box. Kal 2 and Gui 2 are silent. Vln plays a bass line with a 7th fret box. Time signatures 4/8, 12/8, and 4/8 are indicated.

17

238

Musical score for measures 238-242. The score is arranged in five staves: Kal 1, Kal 2, Gui 1, Gui 2, and Vln. Kal 1 and Gui 1 play a melodic line with a 7th fret box. Kal 2 and Gui 2 are silent. Vln plays a bass line with a 7th fret box. Time signatures 12/8 and 4/8 are indicated.

243 $\frac{4}{8}$ $\frac{4}{8}$ $\frac{4}{8}$

Kal 1
Kal 2
Gui 1
Gui 2
Vln

Detailed description: This system of musical notation covers measures 243 to 246. It features five staves: Kal 1, Kal 2, Gui 1, Gui 2, and Vln. The time signature is 4/8. Kal 1 and Gui 1 play a melodic line with a slur over four measures. Kal 2 and Gui 2 play a bass line with a slur over four measures. Vln plays a series of six chords, each with a slur. Two boxed '7' figures are present in the Kal 2 staff at measures 244 and 246.

247 $\frac{4}{8}$

Kal 1
Kal 2
Gui 1
Gui 2
Vln

Detailed description: This system of musical notation covers measures 247 to 250. It features five staves: Kal 1, Kal 2, Gui 1, Gui 2, and Vln. The time signature is 4/8. Kal 1 and Gui 1 play a melodic line with a slur over three measures. Kal 2 and Gui 2 play a bass line with a slur over three measures. Vln plays a series of three chords, each with a slur. A boxed '7' figure is present in the Kal 2 staff at measure 249.