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METROPOLIS

Music Score for the film directed by Fritz Lang

Music by Soo Hwan Ahn

June 2016
Metropolis
For Virtual Orchestra

Soo Hwan Ahn, B.M., M.A.

Dissertation
Presented to the Faculty of the Graduate School of
The University of Huddersfield
in Partial Fulfillment
of the Requirements
for the Degree of
Doctor of Philosophy of Music Humanities and Media

The University of Huddersfield

June 2016
The Dissertation Committee for Soo Hwan Ahn certificates that this is the approved version of the following dissertation:

Metropolis

For Virtual Orchestra

Committee:

Dr. Julio D'Escervian, Supervisor

Prof. Monty Adkins, Internal examiner

Mr. Brian Lock, External examiner
Copyright

by

Soo Hwan Ahn

2016
## Instruments

<table>
<thead>
<tr>
<th>Wind Instruments</th>
<th>Percussion Instruments</th>
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<tbody>
<tr>
<td>3 Flutes</td>
<td>2 Timpani</td>
</tr>
<tr>
<td>2 Alto Flutes in G</td>
<td>2 Bass Drums</td>
</tr>
<tr>
<td>4 Oboes</td>
<td>2 Snare Drums</td>
</tr>
<tr>
<td>4 Clarinets in B♭</td>
<td>Taiko Drums</td>
</tr>
<tr>
<td>4 Bass Clarinets in B♭</td>
<td>Mahler Hammers</td>
</tr>
<tr>
<td>2 English Horns</td>
<td>Anvils</td>
</tr>
<tr>
<td>4 Bassoons</td>
<td>3 Gongs</td>
</tr>
<tr>
<td></td>
<td>Cymbals</td>
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<tr>
<td></td>
<td>Celesta</td>
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<tr>
<td></td>
<td>Marimba</td>
</tr>
<tr>
<td>9 French Horns in F</td>
<td>Orchestral Bells</td>
</tr>
<tr>
<td>2 Trumpets in B♭</td>
<td>Wind Maker</td>
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<tr>
<td>3 trumpets in C</td>
<td>Woodblocks</td>
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<tr>
<td>4 Trombones</td>
<td></td>
</tr>
<tr>
<td>2 Tubas</td>
<td>Bass Voice</td>
</tr>
<tr>
<td>2 Wagner Tubas</td>
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<tr>
<td></td>
<td>2 Harps</td>
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<tr>
<td></td>
<td>2 pianos</td>
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<td></td>
<td>Violins</td>
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<tr>
<td></td>
<td>Violas</td>
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<tr>
<td></td>
<td>Violoncellos</td>
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<td></td>
<td>Double basses</td>
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# Music Pieces

<table>
<thead>
<tr>
<th>No.</th>
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<tbody>
<tr>
<td>No. 1</td>
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<td>114-119</td>
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<td>No. 25</td>
<td>120-124</td>
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<td>No. 26</td>
<td>125-131</td>
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<td>No. 27</td>
<td>132-133</td>
</tr>
</tbody>
</table>
Scene: Sons of the Chosen Few

Lively and actively

No. 3

Peacefully
Scene: Tied up workers

Mellinconico

\[ \text{L.Gong} \]

\[ \text{Gong} 2 \]

\[ \text{Timp.} \]

\[ \text{Vn.} \]

\[ \text{Vl.} \]

\[ \text{Vc.} \]

\[ \text{Ch.} \]
Scene : workers are standing in the lift

Scene : In the office

Scene : The map

Scene : Freder is running after Josephat
Scene: Constant Surveillance

 emancipation
with deep sorrow

\[ \text{Scene: Clock and worker} \]
Fl.
Ob.
Cl.
B.Cl.

Timp.

B. D. 3
Vc.
Ch.

Unis.

Vc.

Scene: Temptation of Yoshiwara's house of ill
No. 13

Viola

Violin

Contrabass
Hn. 1 & 2

Fl.1

Fl.2

Ob.

Cl.

B. Cl.

Tbn.1

Tbn.2

Trp.2

B. D.

Vc.

Fl.1

Fl.2

Ob.

Cb.

Timpani

Gong 2

Gong 2

Vc.

Cb.
Scene: Freder in the house

[Music notation]
No. 18

Flute 1 & 2
Oboe 1 & 2
English Horn
Clarinet 1 & 2
Bass Clarinet
Bassoon 1 & 2
Fr Horn 3 & 4
Trombone 3 & 4
Trombone 1 & 2
Tuba
Contrabass
Harp
Anvil
Soli
Violin
Viola
Violin 1
Violin 2
Cello
Cella
Violin 3
Violin 4
VIOLIN 3
NO. 18
Scene: Fredersen and Robot Maria
Note: Refer Music to dancing with people
Scene: Robot Maria’s Sermon

Score: