



Centennial Symphony



Robert Casteels
Full Score

Robert Casteels

Centennial Symphony

Dedicated to
NUS alumni,
donors and friends



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Foreword

This symphony was commissioned to celebrate the centenary of National University of Singapore, with a grant from the Shaw Foundation.

The Chinese strings and percussion, tabla, gamelan, organ and western instruments reflect the many colours of the National University of Singapore. The music speaks at three levels: as a narrative symphonic poem, an abstract academic composition and lastly, as a lyrical piece of music.

The symphony draws its inspiration from people, nature and heritage. Moulded in classical forms, mathematical proportions are based on the figure hundred. After the 100-second-long joyous overture that presents all ten themes, each movement corresponds to one historical period in the university's development. The coda ventures into the next 100 years.

The first performance of the 'Centennial Symphony' took place during the Centennial Dinner on 2-7-2005 with Guest-of-Honour SM Goh Chok Tong, in the presence of delegates of The Association of American Universities and the Association of Pacific Rim Universities. The second performance took place on the newly renovated Shaw Foundation Symphony stage of the Botanic Garden on 21-8-2005. Both performances were conducted by the composer.

The 'Centennial Symphony' is recorded on a commemorative compact disk.

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Instrumentation

Piccolo flute (doubling on flute 3), 2 Flutes (Flute 1 doubling on Japanese ryuteki and Chinese bang di), 2 Oboes, Cor Anglais (in F), Piccolo clarinet (in E flat), 2 Clarinets (in B flat), Bass clarinet (in B flat), 2 Bassoons, Contrabassoon;

6 Horns (in F), 4 Trumpets (in B flat) (trumpet 1 doubling ad libitum on piccolo trumpet and trumpet 4 ad libitum), 3 Tenor trombones, Bass trombone, Tuba;

Timpani, 9 Percussion [tabla in d sharp and dhamba in g/ high and low bang zi/ 5 temple blocks/ 5 bongos and 2 congas tuned a tritone apart/ snare drum/ bass drum/ 1 saron panerus pelog/ 2 saron barung pelog/ 2 saron demung pelog/ 1 slentoh pelog/ 5 suspended cymbals/ triangle, crash cymbals, tambourine/ high and low tam/ glockenspiel/ xylophone/ vibraphone/ marimba and tubular bells];

Harp, Organ, Pre-recorded tape;

Chromatic yang qin, Pipa, 4 Gao hu, 4 Er hu, 4 Zhong hu;

Western strings (12 - 10 - 8 - 8 - 8).

Performance notes

The symphony may be performed in the following form: overture only, movements 1 to 6, in its entirety.

Duration of movements 1 to 6: 30 mins.

The percussion instruments require at least 7 players.

Pipa and yang qin parts may be doubled.

The seating position of the Chinese strings is left to the discretion of the performers.

In the Chinese parts, 1 = C.

Used in Gagaku, the ryuteki is a non tempered 40 cm Japanese flute with 7 finger holes.

Pelog gamelan instruments may be replaced by Slendro gamelan instruments.

Bass clarinet and contrabassoon sound octave lower.

Piccolo flute and xylophone sound octave higher.

Glockenspiel sounds 2 octaves higher.

Observance of specific octaviation as indicated is important in the organ part.

At rehearsal letter E of the fugato, the intended cluster of the gamelan instrument may be replaced by brake drums.

Percussion parts may be allocated in the following way:

Movement I : Overture

<i>Player</i>	<i>Instruments</i>
1	Xylophone, High Bang zi
2	Vibraphone
3	Marimba, Triangle
4	Glockenspiel
5	Suspended Cymbals, mounted Tambourine, Snare Drum
6	Bongos, Congas
7	Bass Drum, High Tam, Crash Cymbals
8	Temple Blocks
9	Timpani
10	Gamelan, Bang zi

Movement II : Passacaglia

<i>Player</i>	<i>Instruments</i>
1	Chimes
2	Vibraphone
3	Marimba
4	Glockenspiel
5	Timpani

Movement III : Fugato

<i>Player</i>	<i>Instruments</i>
1	Xylophone
2	Vibraphone, Glockenspiel
3	Marimba, Bang Zi
4	Temple Blocks, Bongos, Congas
5	Triangle, Tambourine
6	Suspended Cymbals
7	Bass Drum, Tam-Tam
8	Chimes
9	Timpani
10	Gamelan, War sirens

Movement IV : Rondo

<i>Player</i>	<i>Instruments</i>
1	Xylophone, Snare Drum
2	Chimes, Vibraphone
3	Marimba, Suspended Cymbals
4	Temple Block
5	Bongos, Congas
6	Bang Zi
7	Bass Drum
8	Snare Drum
9	Timpani, Glockenspiel (placed next to Timpani)
10	Gamelan

Movement V : Scherzo

<i>Player</i>	<i>Instruments</i>
1	Glockenspiel
2	Xylophone
3	Chimes, Vibraphone
4	Temple Block
5	Suspended Cymbals, Snare Drum
6	Triangle, Tambourine
7	Timpani

Movement VI : Finale

<i>Player</i>	<i>Instruments</i>
1	Glockenspiel
2	Chimes, Vibraphone, Triangle, Tambourine
3	Marimba
4	Xylophone, Crash Cymbals
5	Suspended Cymbals
6	Bongos, Congas
7	Temple Blocks
8	Bass Drum, Tam-Tam
9	Timpani
10	Wind Machine, Snare Drum, mounted Bang Zi

I. Overture

2/4 3/4 2 4/4 3 5/4 4 4/4

Piccolo flute

Flutes 1.2.

Oboes 1.2.

Cor anglais

Piccolo clarinet in E \flat

Clarinets in B \flat 1.2.

Bass clarinet in B \flat

Bassoons 1.2.

Contrabassoon

Horns in F 1.2.

Horns in F 3.4.

Horns in F 5.6.

Trumpets in B \flat 1.2. 3.4.

Trumpets in B \flat 1.2. 3.4.

Trombones 1.2.

Trombone 3. Bass trombone

Tuba

Timpani

Tabla in Dis

Dhamba in Ga

2 bang zi (high and low)

5 temple blocks

Membranophones

Snare drum/ Bass drum

Gamelan

5 suspended cymbals

Metallophones

Glockenspiel

Xylophone

Vibraphone

Marimba

Organ

Pedals

Harp

Yang qin

Pipa

Gao hu

Er hu

Zhong hu

Violin I

Violin II

Viola

Violoncello

Double Bass

ff *f* *cresc.* *dim.* *cresc.* *dim.* *cresc.* *dim.* *cresc.*

con_sord. *f* *con sord.* *f*

trumpet 1 ad lib. on piccolo trumpet

Glosp *Xyl* *Vib* *Vib* *On* *f*

[Shamisen 8']

arco *f* *cresc.* *dim.* *cresc.* *dim.* *cresc.*

arco *f* *cresc.* *dim.* *cresc.* *dim.* *cresc.*

ff *f* *cresc.* *dim.* *cresc.* *dim.* *cresc.*

1 1 *4* *1* *cresc.* *1 2 1 5 4* *4 1 1 4 1*

(I. Overture)

6 $\frac{3}{4}$ 7 $\frac{4}{4}$ 8 $\frac{3}{4}$ 9 $\frac{4}{4}$ 10 $\frac{2}{4}$

Fl.
Ob.
C. a.
Pec. cl.
Cl.
Bss. cl.
Bsn.
Obsn.
Hn. 1.2
Hn. 3.4
Hn. 5.6
Tpt. 1.2
3.4
Tbn. 1.2
Vbr.
Mrb.
Org.
Hp.
Y. q.
P. p.
E. h.
Z. h.
Vln. I
Vln. II
Vla.
Vcl.
Db.

(I. Overture)

Musical score for Overture, page 3, measures 11-17. The score is in 2/4 time and features a variety of instruments including woodwinds, brass, strings, and percussion. The key signature has one flat (B-flat). The score includes dynamic markings such as *f*, *dim.*, and *cresc.*, and performance instructions like *con sord.* and *via sord.*. The woodwind section (Fl., Ob., C. a., Pec. cl., Cl.) and strings (Vln. I, Vln. II, Vla.) play a melodic line with sixteenth-note patterns. The brass section (Bsn., Hn. 1.2, Hn. 3.4, Hn. 5.6, Tpt. 1.2, Tpt. 3.4, Tbn. 1.2, Tbn. 3, Tbn. 4) provides harmonic support with rhythmic patterns. The percussion section (Xyl., Vbr., Mrb., Org., Hp., Y. q., P. p., G. h., E. h., Z. h.) includes a xylophone part starting in measure 13. The score concludes with a 3/4 time signature change at the end of measure 17.

A (I. Overture)

This page contains the musical score for section A of the first movement of an overture. The score is arranged in a standard orchestral format with multiple staves for each instrument family. The key signature is one flat (B-flat major or D minor), and the time signature changes from 3/4 to 2/4, then 4/4, 5/4, and back to 4/4. The score includes dynamic markings such as *mf*, *f*, and *espress.*, as well as performance instructions like *arco* and *L.H.*. The woodwind section (Flute, Oboe, Clarinet, Bassoon) has complex rhythmic patterns with many triplets. The brass section (Trumpet, Trombone) features block chords and rhythmic patterns. The percussion section includes snare drum, cymbals, and glockenspiel. The string section (Violins I and II, Viola, Violoncello, Double Bass) has a dense, rhythmic accompaniment with many triplets. The piano part (Organ and Pedal) is also present, with the organ playing a complex rhythmic pattern and the pedal providing a bass line. The score is marked with measure numbers 18 through 23 and includes various musical notations such as slurs, accents, and articulation marks.

(I. Overture)

This page of the musical score covers measures 24 through 31. The instruments and parts included are:

- Flute (Fl.)
- Oboe (Ob.)
- Clarinet in A (C. a.)
- Piccobello Clarinet (Pec. cl.)
- Clarinet in Bb (Cl.)
- Bass Clarinet (Bss. cl.)
- Bassoon (Bsn.)
- Contrabassoon (Cbsn.)
- Horn 1 & 2 (Hn. 1.2)
- Horn 3 & 4 (Hn. 3.4)
- Horn 5 & 6 (Hn. 5.6)
- Trumpet 1 & 2 (Tpt. 1.2)
- Trumpet 3 & 4 (Tpt. 3.4)
- Tuba (Tb.)
- Tom Tom (Tmp.)
- Musical Mallet Percussion (Mmbrphn.) - includes instruction "with conga sticks" and dynamic marking *f*
- Glockenspiel (Glek.)
- Vibraphone (Vbr.)
- Musical Maracas (Mrb.)
- Organ (Org.) - includes markings "Geigen Principal 8'" and "Great to Swell 8'"
- Pedal (Pdl.)
- Harp (Hp.)
- Yamaha (Y. q.)
- Percussion (P. p.)
- Hand Cymbal (G. h.)
- Hand Cymbal (E. h.)
- Zildjian (Z. h.)
- Violin I (Vln. I) - includes markings "pizz." and "arco"
- Violin II (Vln. II) - includes markings "pizz." and "arco"
- Viola (Vla.) - includes marking "pizz. L.H."
- Violoncello (Vlc.) - includes marking "pizz."
- Double Bass (Db.) - includes marking "pizz."

Measure numbers 24, 25, 26, 27, 28, 29, 30, and 31 are indicated above the staff lines. A rehearsal mark 'B' is present at the beginning of measure 30. The time signature changes from 4/4 to 3/4 at measure 30 and back to 4/4 at measure 31. The score includes various musical notations such as slurs, ties, and dynamic markings.

(I. Overture)

32 33 34 35 36 37 38 39

Fl. *cresc.* *dim.*

Ob. *dim.*

C. a. *dim.*

Pcc. cl. *cresc.* *dim.*

Cl. *cresc.* *dim.*

Bss. cl. *cresc.* *dim.*

Tpt. 1.2. 3.4.

Tmpl. blk. *f*

Mmbrphn.

Gmln. sarons
 1 saron panerus off beat *f* low 1 6 3 5 2 high 1
 2 saron barung on beat
 2 saron demung on beat
 1 saron slentoh off beat

Mtlphn. *f*

Glek.

Vbr. motor on

Pdl.

Hp.

Y. q. *cresc.*

P. p. *cresc.*

G. h. *cresc.*

E. h. *cresc.*

Z. h. *cresc.*

Vln. I *divisi a 2* *dim.*

Vln. II *divisi a 2* *dim.*

Vla. *sul tasto*

Vlc. *outside: h of 4th on A string*
inside: h of 5th on A string

(I. Overture)

47 48 49 50 51 52 53 54

Fl.

Ob.

C. a.

Pcc. cl.

Cl.

Bss. cl.

Bsn.

Obsn.

Hn. 1.2

Hn. 3.4

Hn. 5.6

Tpt. 1.2

3.4

Tbn. 1.2

Tbn. 3. B. trbn.

Tmp.

Tbl.

Mmbrphn.

Glek.

Xyl.

Vbr.

Mrb.

Org.

Pdl.

G. h.

E. h.

Z. h.

Vln. I

Vln. II

Vla.

Vlc.

Db.

D

f

arco

3

(I. Overture)

55 **E** 56 $\frac{7}{8}$ 57 $\frac{2}{4}$ 58 $\frac{7}{8}$ 59 $\frac{1}{4}$ 60 $\frac{7}{8}$ 61 62 63 $\frac{1}{4}$ 64 $\frac{7}{8}$ 65 $\frac{1}{4}$

Pec. fl. Fl. Ob. C. a. Pec. cl. Cl. Bss. cl. Bsn. Cbsn.

Hn. 1.2 Hn. 3.4 Hn. 5.6

Tpt. 1.2 Tpt. 3.4

Tbn. 1.2 Tbn. 3. B. trbn.

Bng z. Tmpl. blk. Mmbrphn. Spnd. cymbls. Mtlphn. Glek. Xyl. Vbr. Mrb.

Org. **E** [Shamisen 8'] [Great to Swell]

Pdl. Hp. Y. q. P. p. G. h. E. h. Z. h. Vln. I Vln. II Vla. Vlc. Db.

pizz. pizz. L.H. arco pizz. L.H. arco

(I. Overture)

This page of the musical score, titled "(I. Overture)", covers measures 68 through 72. The score is arranged in a standard orchestral layout with multiple staves for each instrument family. The key signature is one sharp (F#), and the time signature changes from 3/4 to 2/4 and back to 3/4. The woodwind section includes Piccolo Flute (Pec. fl.), Flute (Fl.), Oboe (Ob.), Cor Anglais (C. a.), Piccolo Clarinet (Pec. cl.), Clarinet (Cl.), Bass Clarinet (Bss. cl.), Bassoon (Bsn.), and Contrabassoon (Cbsn.). The brass section consists of Horns 1 & 2 (Hn. 1.2, Hn. 3.4, Hn. 5.6), Trumpets 1 & 2 (Tpt. 1.2, Tpt. 3.4), Trombones 1 & 2 (Tbn. 1.2, Tbn. 3, B. trbn.), and Trombone (Tb.). The percussion section includes Timpani (Tmp.), Tom-tom (Tbl.), Bongo (Bng z.), Tom-tom blocks (Tmpl. blk.), Snare drum (Sn. dr.), Bass drum (Bs. dr.), Snare and cymbals (Spnd. cymb.), and Miltaphon (Mtlphn.). The keyboard section features Glockenspiel (Glek.), Xylophone (Xyl.), Maracas (Mrb.), Organ (Org.), and Pedal (Pd.). The string section includes Harp (Hp.), Violin (Vln. I, Vln. II), Viola (Vla.), Violoncello (Vlc.), and Double Bass (Db.). The score features various musical notations such as triplets, dynamics (e.g., *fff*), and performance instructions like "Swell to Great" and "Full organ 8'".