

# Moons of Jupiter

## I. Europa

(2019)

Grade 4

**Brooke Pierson**

Perusal Score [www.brookepierson.com](http://www.brookepierson.com)



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## Instrumentation

Flute 1-2  
Oboe  
Bassoon  
Clarinet in Bb 1  
Clarinet in Bb 2  
Clarinet in Bb 3  
Bass Clarinet 1-2

Alto Sax 1

Alto Sax 2

Tenor Sax

Baritone Sax

Trumpet in Bb 1-2

Trumpet in Bb 3-4

Horn in F 1-2

Horn in F 3-4

Trombone 1

Trombone 2

Trombone 3

Euphonium

Tuba

## Percussion (9 players)

Piano  
Timpani  
Vibraphone (with 2 bass bows)  
Crotales & Chimes (with bass bow)  
Bells and Xylophone

Percussion 1 (1 player)

Triangle  
Tambourine (mounted and played with sticks)

Percussion 2 (2 players)

Water Gong (optional)

Large Gong

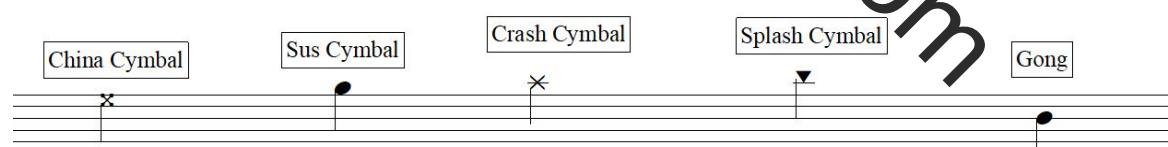
Splash Cymbal

Suspended Crash Cymbal

Suspended Cymbal (rolls)

Splash Cymbal

China Cymbal



Bass Drum

## Program Notes

The planet Jupiter, our solar system's largest object other than the Sun, is visible with the naked eye on Earth. With a fairly basic telescope, you can see its color bands and its moons. As of 2019 there are a total of 53 named moons and another 23 waiting to be officially named. Jupiter's four largest moons, also known as the Galilean moons, are the most notable and include Io, Europa, Ganymede, and Callisto.

Io and Europa are the two most interesting and scientifically important for several reasons. Io is the most volcanically active body in the solar system due to the literal stretching of the planets solid surface during orbit around Jupiter's massive gravity. This pulling and stretching of the crust creates heat and volcanic activity, driving away any water. Europa, on the other hand, is considered one of the smoothest surfaces in the solar system. This intrigues scientists because a smooth surface indicates a moving and reforming surface. In this case, it is believed the surface is a relatively thin layer of ice and slush with water found underneath. The predominant thought is that there is twice as much water on Europa than on Earth.

These two planets really compliment each other in a musical interpretation - essentially fire and ice.

### Europa

This piece is designed to elicit a feeling of ice and subtle motion (such as the possibility of water underneath the surface). The work contains an homage to Holst's The Planets with the opening solo on horn in Europa reminiscent of that from Venus. The suspension and resolution occurring after between the two loud sections is also a passage coming from the end of Mars which builds up suspense for the final motif.

While there is no specific programmatic story, the opening as an icy chill of percussion moving towards a more energetic color can give one a sense of traveling to and passing the moon on a satellite of craft.

Generally, this work should be performed fairly consistent in tempo with exception of one section of con

## I. Europa

Moons of Jupiter

Brooke Pierson

Delay heavily before A

**Slowly** ♩ = 60

Flute 1-2  
Oboe  
Bassoon

Clarinet in B♭ 1  
Clarinet in B♭ 2  
Clarinet in B♭ 3  
Bass Clarinet 1-2

Alto Sax 1  
Alto Sax 2  
Tenor Sax  
Baritone Sax

Trumpet in B♭ 1-2  
Trumpet in B♭ 3-4  
Horn in F 1-2  
Horn in F 3-4  
Trombone 1  
Trombone 2  
Trombone 3  
Euphonium  
Tuba

Piano

Timpani  
Vibraphone  
Crotales and Chimes  
Bells and Xylophone  
Percussion 1  
Percussion 2  
Bass Drum

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**Slowly** ♩ = 60

Horn in F solo

**Slowly** ♩ = 60

Delay heavily before A

\* Continuously slightly beat the gong while pulling in and out of the water for your desired effect

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\*\* bottom notes bowed, top with mallet

## I. Europa (6/24)

**A**

Fl. 1-2  
Ob.  
Bsn.

B♭ Cl. 1  
B♭ Cl. 2  
B♭ Cl. 3  
B. Cl. 1-2

**A**

A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.

**A**

B♭ Tpt. 1-2  
B♭ Tpt. 3-4  
Hn. 1-2  
Hn. 3-4  
Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba

Piano

**A**

Tim.  
Vib.  
Crt./Chimes  
Bls./Xylo  
Perc. 1  
Perc. 2  
B. Dr.

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## I. Europa (7/24)

13

Fl. 1-2

Ob.

Bsn.

B♭ Cl. 1

B♭ Cl. 2

B♭ Cl. 3

B. Cl. 1-2

A. Sx. 1

A. Sx. 2

T. Sx.

B. Sx.

B♭ Tpt. 1-2

B♭ Tpt. 3-4

Hn. 1-2

Hn. 3-4

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tuba

Piano

Timpani

Vib.

Crt./Chimes

Bls./Xylo

Perc. 1

Perc. 2

B. Dr.

13

13

13

13

13

13

13

13

13

13

13

13

13

13

13

13

13

Slide pitch from same drum

Bowed

mallet

ppp

mp

p

## I. Europa (8/24)

**Fl. 1-2** solo *mp*

**Ob.** *mp*

**Bsn.**

**B♭ Cl. 1**

**B♭ Cl. 2** *mp*

**B♭ Cl. 3**

**B. Cl. 1-2**

**A. Sx. 1**

**A. Sx. 2**

**T. Sx.**

**B. Sx.**

**B♭ Tpt. 1-2**

**B♭ Tpt. 3-4**

**Hn. 1-2**

**Hn. 3-4**

**Tbn. 1**

**Tbn. 2**

**Tbn. 3**

**Euph.**

**Tuba**

**Piano** *p* *mf* *mp*

**Tim.**

**Vib.**

**Crt./Chimes**

**Bls./Xylo**

**Perc. 1**

**Perc. 2**

**B. Dr.** *mp* *p* *mp*

**Bend pitch**

**slowly over full beat** *Glissando* *mp*

**slowly over full beat** *Glissando* *mp*

**Bowed**

**Chimes**

**Crot. Bowed**

**B.D. wood mallet**

**B.D. Soft Mallet**

## I. Europa (9/24)

**23**

Fl. 1-2  
Ob.  
Bsn.

**B**

tutti  
*p*  
*p*  
*mf*

**23**

B♭ Cl. 1  
B♭ Cl. 2  
B♭ Cl. 3  
B. Cl. 1-2

**B**

tutti  
*p*  
*p*  
*mp*

**23**

A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.

**B**

tutti  
*p*  
*p*  
*mp*  
*mp*

**23**

B♭ Tpt. 1-2  
B♭ Tpt. 3-4  
Hn. 1-2  
Hn. 3-4  
Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba

**B**

tutti  
*mp*  
*mp*  
*mf*  
*mp*  
*mp*  
*mp*  
*mp*  
*mp*

**23**

Piano

**B**

*p*  
*mp*

**23**

Tim.  
Vib.  
Crt./Chimes  
Bls./Xylo

**B**

*Crot. Bowed*  
*mallet*  
*mp*  
*mp*  
*mp*

**23**

Perc. 1  
Perc. 2  
B. Dr.

**Gong**  
*mf*  
*mf*  
*ppp*  
*mf*

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## I. Europa (10/24)

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Fl. 1-2  
Ob.  
Bsn.

B♭ Cl. 1  
B♭ Cl. 2  
B♭ Cl. 3  
B. Cl. 1-2

A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.

B. Tpt. 1-2  
B. Tpt. 3-4  
Hn. 1-2  
Hn. 3-4  
Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba

Piano

Tim.  
Vib.  
Crt./Chimes  
Bls./Xylo

Perc. 1  
Perc. 2  
B. Dr.

29

I. Europa (10/24) page 29

Fl. 1-2: Rest, then eighth note. Ob.: Rest, then eighth note (mf). Bsn.: Rest, then eighth note (mp), then eighth note (mf).  
 B♭ Cl. 1: Rest, then eighth note (mf). B♭ Cl. 2: Eighth note, then eighth note. B♭ Cl. 3: Eighth note, then eighth note. B. Cl. 1-2: Rest, then eighth note (mf).  
 A. Sx. 1: Eighth note, then eighth note. A. Sx. 2: Eighth note, then eighth note. T. Sx.: Eighth note, then eighth note (mf). B. Sx.: Rest, then eighth note (mf).  
 B. Tpt. 1-2: Rest, then eighth note (mf). B. Tpt. 3-4: Rest, then eighth note. Hn. 1-2: Eighth note, then eighth note (f). Hn. 3-4: Eighth note, then eighth note. Tbn. 1: Eighth note, then eighth note (mf). Tbn. 2: Eighth note, then eighth note (mf). Tbn. 3: Eighth note, then eighth note (mf). Euph.: Eighth note, then eighth note. Tuba: Eighth note, then eighth note (mf).  
 Piano: Sixteenth-note pattern (mf).  
 Tim.: Rest. Vib.: Rest (mf). Crt./Chimes: Eighth note. Bls./Xylo: Eight-note pattern (mf).  
 Perc. 1: Eighth note (mf). Perc. 2: Eighth note (mf). B. Dr.: Eighth note (p), then eighth note (mf).

I. Europa (11/24)

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## I. Europa (12/24)

**C**

Fl. 1-2  
Ob.  
Bsn.

B♭ Cl. 1  
B♭ Cl. 2  
B♭ Cl. 3  
B. Cl. 1-2

**C**

A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.

**C**

B♭ Tpt. 1-2  
B♭ Tpt. 3-4  
Hn. 1-2  
Hn. 3-4  
Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba

38  
Piano

**C**

Tim.  
Vib.  
Crt./Chimes  
Bls./Xylo  
38  
Perc. 1  
Perc. 2  
38  
B. Dr.

## I. Europa (13/24)

41

Fl. 1-2  
Ob.  
Bsn.

B♭ Cl. 1  
B♭ Cl. 2  
B♭ Cl. 3  
B. Cl. 1-2

A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.

B. Tpt. 1-2  
B. Tpt. 3-4  
Hn. 1-2  
Hn. 3-4  
Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba

Piano

Timp.

Vib.

Crt./Chimes

Bls./Xylo

Perc. 1  
Perc. 2  
B. Dr.

## I. Europa (14/24)

Fl. 1-2

Ob.

Bsn.

B♭ Cl. 1

B♭ Cl. 2

B♭ Cl. 3

B. Cl. 1-2

A. Sx. 1

A. Sx. 2

T. Sx.

B. Sx.

B. Tpt. 1-2

B. Tpt. 3-4

Hn. 1-2

Hn. 3-4

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tuba

Piano

Tim.

Vib.

Crt./Chimes

Bls./Xylo

Perc. 1

Perc. 2

B. Dr.

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## I. Europa (15/24)

Fl. 1-2  
Ob.  
Bsn.  
B♭ Cl. 1  
B♭ Cl. 2  
B♭ Cl. 3  
B. Cl. 1-2  
A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.  
B. Tpt. 1-2  
B. Tpt. 3-4  
Hn. 1-2  
Hn. 3-4  
Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba  
Piano  
Tim.  
Vib.  
Crt./Chimes  
Bls./Xylo  
Perc. 1  
Perc. 2  
B. Dr.

## I. Europa (16/24)

53      **D**

Fl. 1-2  
Ob.  
Bsn.

B♭ Cl. 1  
B♭ Cl. 2  
B♭ Cl. 3  
B. Cl. 1-2

A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.

B. Tpt. 1-2  
B. Tpt. 3-4  
Hn. 1-2  
Hn. 3-4  
Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba

Piano

53      **D**

Tim.  
Vib.  
Crt./Chimes  
Bls./Xylo

53  
Perc. 1  
Perc. 2  
53  
B. Dr.

I. Europa (16/24) score www.brookepierson.com

This musical score page is labeled 'I. Europa (16/24)' at the top center. It features a grid of musical staves for various instruments, each with two measures of music. The instruments listed on the left include Flutes 1-2, Oboe, Bassoon, Bass Clarinets 1-3, Bass Clarinet 1-2, Alto Saxophones 1-2, Tenor Saxophone, Bass Saxophone, Bass Trombones 1-2, Bass Trombones 3-4, Horns 1-2, Horns 3-4, Trombones 1-2, Trombones 2, Trombones 3, Euphonium, Tuba, Piano, Timpani, Vibraphone, Crt./Chimes, Bells/Xylophone, Percussion 1, Percussion 2, and Bass Drum. Measure 53 begins with dynamic 'p' (pianissimo). Measures 54 and 55 show various dynamics including 'p', 'mp', 'mf', and 'solo'. The piano part in measure 55 includes a dynamic 'mp' and a fermata. The vibraphone and chimes parts are present in measure 55. The score is annotated with a large, diagonal watermark reading 'I. Europa (16/24) score www.brookepierson.com'.

## I. Europa (17/24)

E

60

Fl. 1-2  
Ob.  
Bsn.

B♭ Cl. 1  
B♭ Cl. 2  
B♭ Cl. 3  
B. Cl. 1-2

A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.

B♭ Tpt. 1-2  
B♭ Tpt. 3-4  
Hn. 1-2  
Hn. 3-4  
Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba

Piano

Tim.  
Vib.  
Crt./Chimes  
Bls./Xylo

Perc. 1  
Perc. 2  
B. Dr.

solo

mp

tutti

E Horn in F 1-2

mp

solo

mp

Oboe

mp

Horn in F 1-2

mp

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60

E

Water Gong\*

pp

## I. Europa (18/24)

Fl. 1-2  
Ob.  
Bsn.

B♭ Cl. 1  
B♭ Cl. 2  
B♭ Cl. 3  
B. Cl. 1-2

A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.

B. Tpt. 1-2  
B. Tpt. 3-4  
Hn. 1-2  
Hn. 3-4  
Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba  
Piano

Tim.  
Vib.  
Crt./Chimes  
Bls./Xylo  
Perc. 1  
Perc. 2  
B. Dr.

67

con moto

2 4 4

tutti

mp mf

tutti

mp mf

mf

con moto

mf cresc.

mf

mf

67

solo

mp

2 4 4

tutti

mf

mf tutti cresc.

mf cresc.

mf cresc.

mf cresc.

open

mp open

2 4 4

mf

mf cresc.

mp

2 4 4

mf

cresc.

67

con moto

2 4 4

67

67

67

67

67

## I. Europa (19/24)

Fl. 1-2

cresc.

Ob.

cresc.

Bsn.

cresc.

B♭ Cl. 1

cresc.

B♭ Cl. 2

*mf* cresc.

B♭ Cl. 3

*mf* cresc.

B. Cl. 1-2

cresc.

A. Sx. 1

A. Sx. 2

*mf* cresc.

T. Sx.

cresc.

B. Sx.

cresc.

B♭ Tpt. 1-2

75

rit.

B♭ Tpt. 3-4

Hn. 1-2

Hn. 3-4

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tuba

Piano

75

rit.

Tim.

Vib.

*mf* cresc.

Crt./Chimes

*mf* cresc.

Bls./Xylo

*mf* cresc.

Xylo

*f* cresc.

Perc. 1

*mf* cresc.

Perc. 2

75

mp

B. Dr.

*f*

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## I. Europa (20/24)

**A little faster ( $\text{♩} = 68$ )**

Fl. 1-2  
Ob.  
Bsn.

B♭ Cl. 1  
B♭ Cl. 2  
B♭ Cl. 3

B. Cl. 1-2

**F** **A little faster ( $\text{♩} = 68$ )**

A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.

**F** **A little faster ( $\text{♩} = 68$ )**

B♭ Tpt. 1-2  
B♭ Tpt. 3-4  
Hn. 1-2  
Hn. 3-4  
Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba  
Piano  
**80**  
Tim.  
Vib.  
Crt./Chimes  
Bls./Xylo  
**80**  
Perc. 1  
Perc. 2  
**80**  
B. Dr.

**I. Europa (20/24)**

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## I. Europa (21/24)

Fl. 1-2  
Ob.  
Bsn.

B♭ Cl. 1  
B♭ Cl. 2  
B♭ Cl. 3  
B. Cl. 1-2

A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.

B♭ Tpt. 1-2  
B♭ Tpt. 3-4  
Hn. 1-2  
Hn. 3-4  
Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba

Piano

Tim.  
Vib.  
Crt./Chimes  
Bls./Xylo

Perc. 1  
Perc. 2  
B. Dr.

83

a2

*Rehearsal Score www.brookepierson.com*

## I. Europa (22/24)

*molto rit.*

Fl. 1-2  
Ob.  
Bsn.

B♭ Cl. 1  
B♭ Cl. 2  
B♭ Cl. 3  
B. Cl. 1-2

A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.

B♭ Tpt. 1-2  
B♭ Tpt. 3-4  
Hn. 1-2  
Hn. 3-4  
Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba

Piano

Tim.  
Vib.  
Crt./Chimes  
Bls./Xylo

Perc. 1  
Perc. 2  
B. Dr.

87

molto rit.

2 4 4

87

choke

mf

mf

I. Europa (23/24)

G Slowly  $\text{♩} = 60$

Fl. 1-2              solo  
Ob. 4 mp              pp  
Bsn. 4 mf  
  
B♭ Cl. 1  
B♭ Cl. 2  
B♭ Cl. 3  
B. Cl. 1-2  
A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.  
G Slowly  $\text{♩} = 60$   
B♭ Tpt. 1-2  
B♭ Tpt. 3-4  
Hn. 1-2  
Hn. 3-4  
Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba  
Piano {  
92  
Tim.  
Vib. 4 ppp Bowed  
Crt./Chimes p mallet \*\*  
Bls./Xylo p  
Perc. 1 92 p  
Perc. 2 92 4 ppp  
B. Dr. 92

The musical score consists of 10 staves of music for an orchestra and a piano. The instruments listed include Flute 1-2, Oboe, Bassoon, Clarinet 1-3, Bass Clarinet 1-2, Alto Saxophone 1-2, Tenor Saxophone, Bass Saxophone, Trombone 1-2, Trombone 3-4, Horn 1-2, Horn 3-4, Tuba, Euphonium, Piano, Timpani, Vibraphone, Cymbals/Harp, Bassoon, and Bass Drum. The score is in G major and 4/4 time, with a tempo of 60. The piano part includes dynamic markings such as mp, mf, pp, and ppp. The vibraphone part uses mallets and bows. Various performance techniques like solo, solo, and solo are indicated throughout the score.

## I. Europa (24/24)

**Fl. 1-2**

**Ob.**

**Bsn.**

**B♭ Cl. 1**

**B♭ Cl. 2**

**B♭ Cl. 3**

**B. Cl. 1-2**

**A. Sx. 1**

**A. Sx. 2**

**T. Sx.**

**B. Sx.**

**B♭ Tpt. 1-2**

**B♭ Tpt. 3-4**

**Hn. 1-2**

**Hn. 3-4**

**Tbn. 1**

**Tbn. 2**

**Tbn. 3**

**Euph.**

**Tuba**

**Piano**

**Tim.**

**Vib.**

**Crt./Chimes**

**Bls./Xylo**

**Perc. 1**

**Perc. 2**

**B. Dr.**

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