

# BUMA IX

**The Ninth International Conference on  
the Beginnings of the Use of Metals and Alloys**



16–19 October 2017

International Center, Bumin Campus

Dong–A University

Busan, Korea

ORGANIZER

**The Korean Institute of Metals and Materials**

## ABOUT THE CONFERENCE

The international conference on “the Beginnings of the Use of Metals and Alloys” (BUMA) is the interdisciplinary gathering of scientists, engineers, archaeologists and historians with a focus on production and use of metals, and an emphasis on cultural interactions and evolutions over time and space especially between the West and the Asian region.

BUMA was founded in 1981 by two eminent archaeometallurgists, Prof. Robert Maddin in Philadelphia, USA and Prof Tsun Ko in Beijing, China, with the strong support of late Professors Cyril Stanley Smith (MIT) and Yunoshin Imai (Tohoku University) from the second Conference on: From Beijing in 1981 BUMA has traveled to Zhengzhou, China (1986), Sanmenxia, China (1992), Matsue, Japan (1998), Gyeongju, Korea (2002), Beijing, China (2006), Bangalore, India (2009). Nara, Japan(2013).

BUMA IX will be held in Busan, Korea in 2017. As the largest harbor of Korea, there are many historical and cultural attractions in Busan.

### *Scope of the Conference*

The main theme at the Busan Conference is “Cultural Interaction and the Use of Metals”. The Conference will provide a forum for discussion on the effects of metals on the culture and history with a special focus on Asian materials. Comparative studies and case studies on ancient and traditional metallurgy from other regions can illuminate the interactions between the Far East and the West through South Asia as well as Eurasia.

### *The Conference covers the following theme:*

- (1) Iron and Steel Technology
- (2) Copper and Bronze Technology
- (3) Precious Metals and Coinage
- (4) Casting Technology of Bronze and Iron
- (5) Swords and Iron Artifacts
- (6) History of Alloys (Brass, Paktong and Shiromé)
- (7) Ores and Metal Production
- (8) Illustrated Technology of Mining and Metallurgy
- (9) Experimental Metallurgy, Survey Methods and Conservation

Papers presented at the conference and accepted by the editorial committee will be published in the proceedings. Special attention should be given to the archaeological and historical background of the studies and to the interaction between specialized researchers.

*\*The Conference language will be English*

### **Conference Venue**

The Conference will be held at the International center in the Bumin campus, Dong-A University, Busan, Korea.

[Address: International Center; Bumin campus, 225 Gudeok-ro, Seo-gu, Busan, Korea, 49236]

### **Provisional Conference Schedule**

Time	Oct. 16 (Mon)	Oct. 17 (Tue)	Oct. 18 (Wed)	Oct. 19 (Thu)
8:45		Open Ceremony		Field Tour Day
9:00		Oral / Poster Presentation	Oral / Poster Presentation	Kimhae National Museum
10:00				
11:00				
12:00				
13:00	Registration	Lunch	Lunch	Lunch
14:00		Oral / Poster Presentation	Oral / Poster Presentation	Daegaya Museum
15:00				
16:00				
17:00				
18:00				
19:00	Welcome Party	Banquet	Farewell Party	
20:00				
21:00				
16:00 ~ 18:00	Committee Meeting		Committee Meeting	

**Companion Tour**

Time	Oct. 16 (Mon)	Oct. 17 (Tue)	Oct. 18 (Wed)	Oct. 19 (Thu)
9:00 ~ 12:00		Tour 1	Tour 3	
12:00 ~ 13:00		Lunch	Lunch	
13:00 ~ 16:00		Tour 2	Tour 4	

*Details of companion tours will be posted at BUMA-9 Website soon.*

**Oral session**

Oral presentations are limited to 20 minutes (15 minutes for presentation and 5 minutes for questions and discussions). Oral presentation files must be compatible with Microsoft PowerPoint. (both PPT and PPTX formats are acceptable)

**Poster session**

We will try and avoid parallel sessions, and the poster session will allow maximum participation.

Recommended poster size is A0. (about 900 mm in width and 1200 mm in height)

**Field Tours**

The following post-conference short field tours are planned:

Oct. 19: Two consecutive excursions for the Museums

Kimhae National Museum & Daegaya Museum

The details will be made and available on the BUMA-9 website soon.

**Important Dates**

Abstract (within 1 page) submission Deadline: March 31, 2017

Abstract Acceptance: April 30, 2017

[Advance registration Deadline: June 30, 2017](#)

Final Programme: July 31, 2017

Conference: October 16-19, 2017

Full paper (within 8 pages) submission Deadline: October 18, 2017

Submitted abstracts and list of delegates may be accessed at the BUMA-9 website. (<http://www.buma9.org>)

***Abstracts***

Abstract should be submitted for each presentation within 1 page (A4 size) before March 31, 2017. Abstract acceptance will be communicated by April 30, 2017. Both oral and poster presentations are planned.

***Full paper***

Full paper should be prepared for each presentation within 8 pages (A4 size) before October 18, 2017.

After reviewing process, the full paper will be distributed to all of attendees by CD-ROM around June 2018.

***Registration***

The registration fee will cover light refreshments on all days, reception and abstract and CD of full papers with color pages. The selected papers will be published in ISIJ International (monochrome). We encourage active participation by students at this conference. Registration as a student is possible only with a certificate from the concerned university. Registration for an accompanying person is complimentary.

You can register online at the BUMA-9 website from April 2017.

***Registration fee (including banquet and field tours fee)*****- Regular Participant**

Registration and payment before **30 June** 2017: US\$ 300.00

Registration and payment after **30 June** 2017: US\$ 350.00

**- Students**

Registration and payment before **June 30**, 2017: US\$ 200.00

Registration and payment after **June 30**, 2017: US\$ 250.00

**- Accompanying person: US\$ 150.00**

Including visiting of Busan museum and Bokcheon museum, city tour in Busan and lunch

**- Post Congress Tours U.S.\$ 100,00 (*Optional*)**

After Conference, Oct. 20<sup>th</sup> 2017, post congress tour is planned for Kyungju city where was the capital of the ancient kingdom of Silla which ruled about

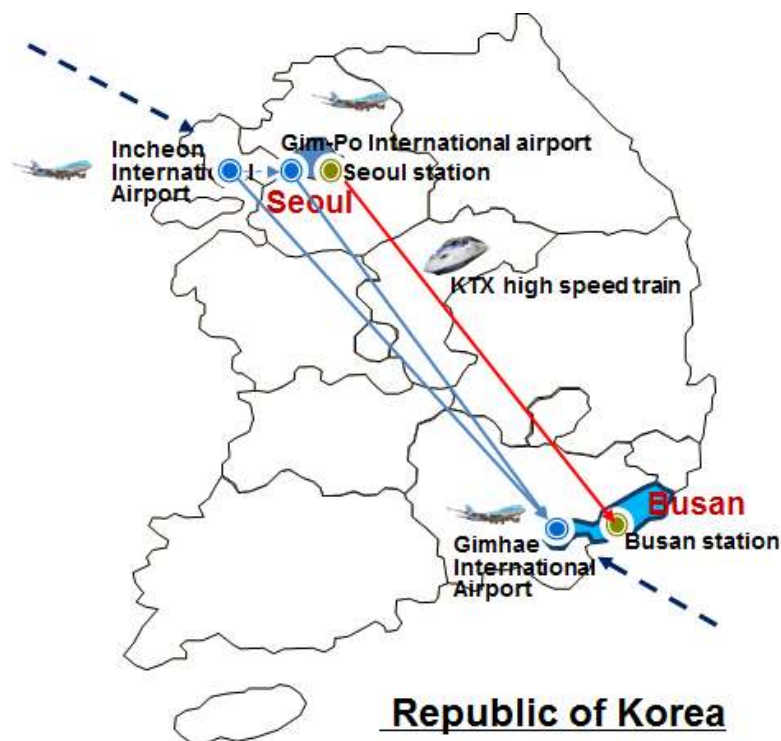
two-thirds of the Korean Peninsula between the 7th and 9th centuries. The tour will include Kyungju city tour and Kyungju national museum visit. *Lunch will be provided.*)

*Registration fee can be paid through credit card or bank transfer. Details will be announced in the website.*

### ***Travel and Accommodation***

All overseas delegates are requested to apply to the nearest Korean Embassy/Consulate for their visa. Upon request, the BUMA-9 Chairpersons can send an invitation letter for visa purposes.

Busan is well connected to the rest of the world directly through Busan Gimhae International Airport. Also, Incheon International Airport and Gimpo International Airport are available as final destination connected by a large number of domestic airlines. or by KTX express train from Seoul station.



***Designated Conference Hotels***

1. Toyoko Inn Busan Station No.1

homepage : [http://www.toyoko-inn.com/e\\_hotel/00194/index.html](http://www.toyoko-inn.com/e_hotel/00194/index.html)

2. Toyoko Inn Busan Station No. 2

homepage : [http://www.toyoko-inn.com/e\\_hotel/00178/index.html](http://www.toyoko-inn.com/e_hotel/00178/index.html)

3. Commodore Hotel

homepage: <http://www.commodore.co.kr/eng/html/main/>

4. Busan Tourist Hotel

homepage : <http://www.busanhotel.kr/html/ENG/WC/index.html>

- ✓ The room reservation for listed hotels is also possible at Expedia web-site  
: <https://www.expedia.co.kr/?&langid=1033>
- ✓ Hotels are being identified for rooms in the range of U.S.\$ 50 to U.S.\$ 200.
- ✓ The detail information will be available at the BUMA-9 website.  
: <https://www.buma9.org>

***Conference Organizations***

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Prof. Jianjun Mei (China)

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