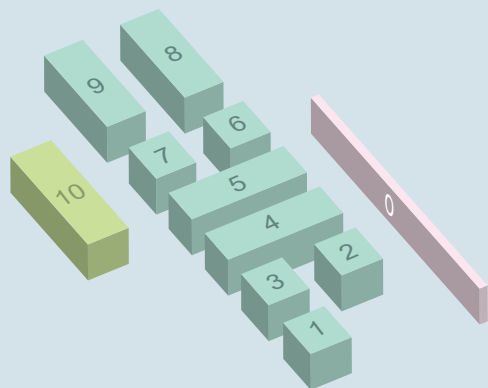


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Early Research on Clay Molds



中央研究院歷史語言研究所  
歷史文物陳列館  
Museum of the Institute of History and Philology, Academia Sinica

展覽地點 | 歷史文物陳列館 一樓  
開館時間 | 每週三、六、日 | 09:30-16:30  
逢國定假日、選舉日及連續假期不開放  
地址 | 臺北市南港區研究院路二段130號  
電話 | 02-2652-3180  
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# 鑄匠

Spirit of  
a Bronze Caster:  
Techniques from the  
Shang and Zhou  
Dynasties

# 之魂

2025  
6/7  
起

殷周青銅器的鑄造技術展



## 展覽說明

距今三千多年的商周青銅器，器型特異，紋飾繁複，至今仍深深地吸引著我們。這些精美的青銅器究竟是如何鑄造的，也就成為學者長久以來關注的研究課題。最初，學者只能透過觀察青銅器表面所留下的痕跡，來推測「陶範」的結構。陶範是鑄造青銅器的陶製模具。1930年代史語所最早在殷墟小屯發掘出土陶範，後來在以河南鄭州、偃師、洛陽等區域為中心，以及山西、陝西、安徽等地，都陸續有發現。但是，目前對於陶範的研究，尚有許多不足之處。

有鑑於此，2018年歷史語言研究所和日本泉屋博古館（京都）、蘆屋釜之里（福岡），簽署復原實驗研究的合作計畫，開始進行青銅器鑄造技術的共同研究，本展覽就是這次研究的成果。展覽由三個機構共同策劃，展出復原實驗所鑄造的作品，以及史語所收藏的各種青銅器陶範，希望能從鑄造技術的觀點加深對於青銅器的理解。

本次展覽分為兩部分：第一部分以圖文及影片，於展區牆面介紹青銅器的鑄造，包含陶範的發現，青銅器的原料、熔銅、陶範的製作等復原實驗過程及成果。第二部分為史語所典藏的鑄銅相關遺物，展示熔銅的材料，鑄造爵、觚、提梁卣、方彝、鼎、車馬器、武器等器物的陶範及母模。並介紹史語所前輩學者早年對陶範的研究和實驗成果。

## Introduction

The Shang (ca. 1600–1046 BCE) and Zhou (ca. 1046–256 BCE) dynasties bronzes, dated more than 3,000 years ago, with their distinctive forms and intricate motifs, continue to fascinate us today. How these exquisite bronzes were cast has long been a subject of scholarly interest. Initially, scholars could only deduce the assemblage of the clay molds (*taofan*) used in bronze casting by analyzing traces left on the surfaces of the artifacts. Then in the 1930s, the Institute of History and Philosophy (IHP), Academia Sinica, had first excavated clay molds from Hsiao-t'un at the Yinxu, and later discoveries were made in areas centered in Zhengzhou, Yanshi, and Luoyang, all of Henan province, as well as in Shanxi, Shaanxi, and Anhui provinces. However, many aspects of clay molds still elude current research.

In view of the above, the IHP, the Sen-Oku Hakukokan Museum (Kyoto, Japan), and Ashiyagamosato (Fukuoka, Japan) in 2018 signed a collaborative agreement regarding the replication and joint research of bronze casting techniques. This exhibition is the result of multiple efforts. Organized by these three organizations, "Pouring One's Soul" features both works cast by replication experiments and various artifacts of casting bronzes in IHP collections, with the hope of furthering our understanding of bronzes from the perspective of casting.

The exhibition is divided into two parts: the first introduces the casting of bronzes via graphic, textual, and video as demonstrated on the walls of the exhibition area, contents of which include the discovery of clay molds as well as findings from our replication efforts such as the raw materials of bronzes, melting copper, and the production of molds, among others. The second exhibits artifacts related to bronze casting held by the IHP, including materials used in melting and the clay molds as well as models of cast *chüeh*, *ku*, handled *yu*, square *i*, *ting*, chariot fittings, and weapons. Finally, the research and experiment results of early IHP researchers on clay molds are also introduced.