

# 〈東文研・ASNET共催セミナー〉

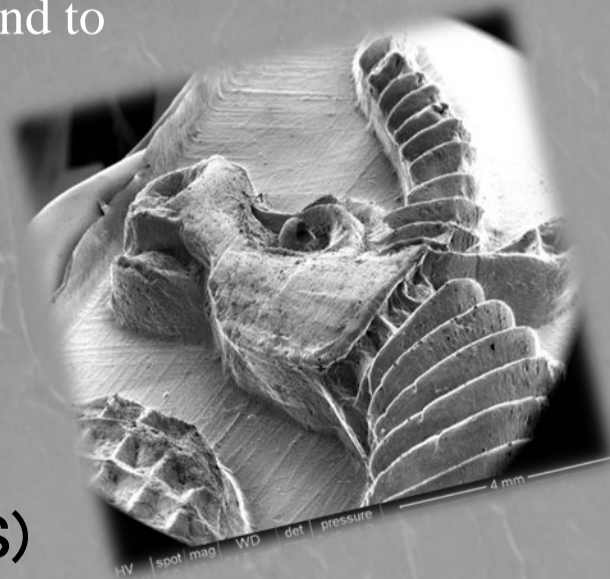
## Classification of the Indus Type Seals in Light of Their Carving Techniques and its Significance: Archaeological Consideration through SEM and 3D (PEAKIT) Analyses

彫刻技術に基づいたインダス式印章の分類とその意義  
——SEM観察と3D (PEAKIT) 解析を利用した考古学的検討

This presentation attempts to discuss the classification of the Indus-Type Seals in light of their carving techniques through SEM (Scanning Electron Microscope) and 3D (PEAKIT) analyses, and its significance.

As the analyses through SEM and PEAKIT images describe, it has become evident that the Indus-Type Seals are characterized in various carving techniques and carving tools. Although data for the analyses is still limited, the results of this study lead to an important conclusion that Indus-Type Seals can be classified based on shape of a cross section of the seal passing through the body of the animal depicted on the surface of the seal, namely whether the edge of the cross section is curved or angular. The two cross-section types are a result of the different carving techniques and carving tools, and correspond to the size of the seals.

Furthermore, because the different shapes of the cross sections correspond to the difference of design and distribution pattern of the seals, Indus-Type Seals can be divided into two types. This study concludes that it is likely that both seal types show the regional variations of Indus-Type Seals.



◆ **Date** : June 9 (Thu), 17:00–18:00

◆ **Speaker** : Ayumu Konasukawa (Postdoctoral Fellow JSPS)

Comment by Ryosuke Furui (Associate Professor, IASA, The University of Tokyo)

◆ **Venue** : Lobby, Ground floor, Tobunken

*\* The presentation will be in Japanese.*



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日本・アジアに関する教育研究ネットワーク  
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