

Min Kim (Representative, Korea)

Dr. Kim is a committee member for the Korean National Treasure #1 Nam Dae Moon restoration project and is the Korean project leader of the joint Korean/Japanese project for reproducing of the Water~ Moon Avalokiteshvara 2005.

Lecture: How we can use high resolution digitization in conservation of cultural heritage.

In this talk I will give detail description of how high resolution scanning can be practically used in conservation of cultural heritage, specially my own projects during 2015.

Currently, Moshu(模寫) does not simply mean “to duplicate the production of old paintings”. From the viewpoint of conservation and restoration of cultural heritage, it is a means to represent the painting. In Moshu it is also important to express the intrinsic information related to the material and the techniques used for producing the paintings. Therefore, it is extremely important to have the precise information about the painting.

This paper gives a detailed report on producing the Moshu of three ancient maps owned by KYUJANGGAK Institute for Korean studies of Seoul National University and The Water~Moon Avalokiteshvara which is possessed by Sen Oku Hakuko Kan in Japan. Moshu does not simply mean to duplicate or reproduce a piece of art. From the viewpoint of conservation and restoration of cultural heritage it means to represent the painting. In Moshu it is very important to have precise information about the painting. As a result a high resolution scanner with analytical imaging capabilities which was developed at Kyoto University was used to scan the paintings to gather all the information needed about these pieces of art.