

# IPRES2021 PANEL DISCUSSION ON LONG-TERM PRESERVATION AND UTILIZATION OF DIGITAL DUNHUANG RESOURCES

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**Abstract – Dunhuang Mogao Grottoes, a world cultural heritage originally built in the 4th century, has now 735 remaining grottoes. Since the 1990s, Dunhuang Academy has taken the lead in digitizing the architectural forms, statues and murals of the grottoes through non-contact data collection and optical measurement technology, so that Dunhuang resources can be fully protected digitally. Based on that, through “digital Dunhuang”, numerous images, videos, three-dimensional digital objects, research documents and archaeological information are collected to build a digital, integrated, large-scale mural resource library and a sharing guarantee system for Dunhuang digital resources, to further link with relevant international resources and support knowledge mining and intelligent services.**

**Keywords – Digital Dunhuang Resources, Long-term Preservation, Utilization**

**Conference Topics – Building the Capacity & Capability, Enhancing the Collaboration, Exploring the New Horizons, Scanning the New Development**

Since Dunhuang sutra cave was discovered 120 years ago, cultural relics of Dunhuang have been scattered in countries and regions such as the U.K., France, Germany, Japan, Russia, South Korea, Sweden, Finland, Denmark, and the U.S. Cultural relics of Dunhuang are digitized and disseminated through the Internet. “Digital Dunhuang” of Dunhuang Academy invited experts from countries and regions including the U. S., the U.K., France, Germany, Russia, Japan, India, South Korea, Chinese mainland, Taiwan, and Hong Kong to participate in the International Advisory Committee of the Digital Dunhuang Project to discuss the issue of long-term preservation and utilization of digital Dunhuang resources.

Dunhuang belongs to China, while Tunhuangology belongs to the world. However, there are still many problems to be solved to gather digital Dunhuang resources from all over the world. Through the iPres2021 Panel Discussion, we plan to invite experts and peers from the Dunhuang academic circles and on the digitization of cultural relics of Dunhuang to discuss the long-term preservation and utilization of digital Dunhuang resources. Specific issues include the long-term preservation format, Fairization of description specifications, description data and content data of digital Dunhuang resources (discoverable, accessible, interoperable, reusable), and issues related to the association and integration of digital cultural resources (property rights, services, sustainability, etc.).

Duration of the Panel Discussion: 90 minutes

Number of participants in the Panel Discussion: >100

Organization of the Panel Discussion: Dunhuang Academy

Person in charge of the Panel Discussion: Tianxiu Yu

Contact person of the Panel Discussion: Tianxiu Yu

Panelists to be invited to the Panel Discussion:

Tianxiu Yu

(to be added )