



International Workshop on Advanced Digital Imaging for Preservation, Conservation and Exhibition Design

Time: 11th -13th September 2013
Location: LUXLAB, City University of Hong Kong,
Hong Kong Science and Technology Park, Shatin Hong Kong
<<http://alive.scm.cityu.edu.hk/contact/>>
Registration: A limited number of places are available at no cost.
Registration Email: Kyle Chung <yikkchung2@cityu.edu.hk>

This workshop includes lectures by leading experts in the fields of optical scanning of cultural heritage objects, and new forms of large scale interactive and immersive exhibition design. High-resolution optical-ly-resolved scanning can be defined as a process for scientific recording of cultural heritage and art works which does not involved image interpolation. It is a vital process for conservation and preservation processes, providing true-color, exceptional quality and resolution (up to 1600 DPI). Polarized light scanning, as well as multi spectral scanning is the most powerful techniques that will be discussed in this workshop.

Selected young scientists from China, Japan, Hong Kong and Malaysia will have the opportunity to discuss state-of-the-art optical scanning with practical demonstrations of high-resolution digitization Asian cultural artifacts. In addition participants will experience award winning interactive and immersive installations from the Applied Laboratory for Interactive visualization and Embodiment (ALiVE).

Topics:

1. Color science for art and design
2. High resolution digitization using optical scanning
3. Introduction to scanning projects of world cultural heritage e.g. *Pacifying of the South China Sea Pirates* hand-scroll painting (Hong Kong), *Birds Eye* by Qiu Zhijie (Hong Kong), The Paliotto (Italy), and Ninnaji Temple (Japan)
4. Introduction to exhibition projects using ultra-high resolution imaging world cultural heritage. Examples found on the ALiVE website <<http://alive.scm.cityu.edu.hk/projects>> a) *We are the Vapours* (2013), b) *Scroll Navigator* (2013), c) *Pure Land: Inside the Mogao Grottoes at Dunhuang* (2012), d) *Pure Land Augmented Reality Edition* (2012)
5. Demonstration and training of high definition digitization
6. Tour of ALiVE exhibitions and installation

Sponsor and co-sponsors:

Centre for Innovation in galleries, Libraries, Archives and Museums (iGLAM), Applied Laboratory for Interactive visualization and Embodiment (ALiVE), City University of Hong Kong.

University of Malaya, Kuala Lumpur

Kyoto University Design School, Collaborative Graduate Program in Design, Japan

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Websites:

Ide Laboratory, Advanced Imaging Technology <<http://www.kyotoheritage.jp/en/index.html>>

Applied Laboratory for Interactive visualization and Embodiment (ALiVE) <<http://alive.scm.cityu.edu.hk/>>

Recommended hotel:

Hyatt Shatin <<http://hongkong.shatin.hyatt.com>>