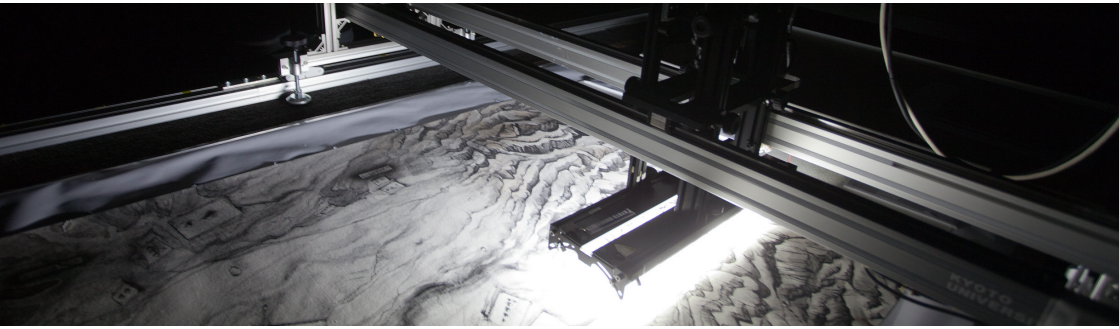
LUXLAB

ADVANCED DIGITAL IMAGING WORKSHOPS

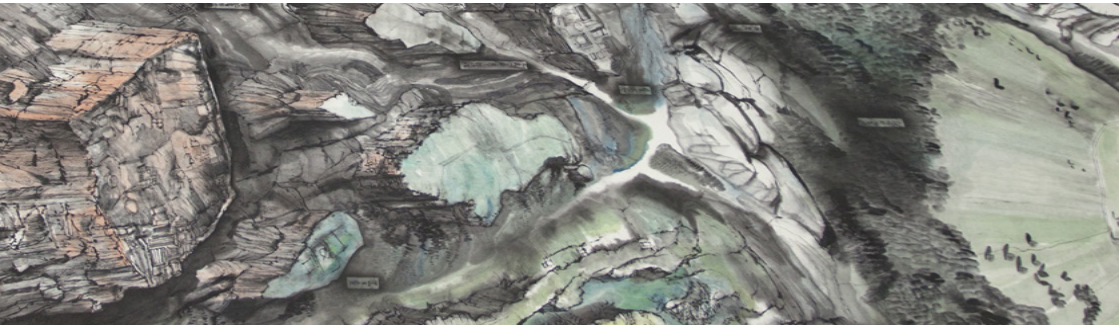
PRESERVATION, CONSERVATION & EXHIBITION DESIGN

9th-13th SEPTEMBER 2014, SYDNEY, AUSTRALIA

an initiative of the Laboratory for Innovation in Galleries, Libraries, Archives & Museums (iGLAM), UNSW



LUXLAB Workshop #1



UNSW AUSTRALIA | Art & Design

NIEA NATIONAL INSTITUTE FOR EXPERIMENTAL ARTS

iGLAM Innovation in Galleries, Libraries, Archives and Museums

An Australian first, this professionals workshop focuses on practical understandings of new imaging technology for preservation, conservation and, visionary uses in exhibition.

LUXLAB Workshop #1 draws on the experience and technologies of Kyoto University's Advanced Imaging Lab (Ide Lab) that has scanned of over 8000 seminal artworks and national treasures throughout the world.

LUXLAB is an new initiative at UNSW's National Institute for Experimental Arts, bringing these technologies to the GLAMs sector regionally while joining a network of laboratories located in the United Kingdom, Europe, Egypt, China, Hong Kong, Malaysia and South Korea.

High-resolution optically resolved scanning is a process for scientific recording of cultural heritage, art and archival material which does not involve image interpolation. It is a vital for conservation and preservation, providing true-color, exceptional quality and very high resolution images (up to 5000 DPI). These images are the best possible resources for scientific analysis and colour science, but also provide cultural organisations with unparalleled opportunities for making their collections available for diverse public audiences. LUXLAB engages with the frontiers of imaging technologies, with 4K and 8K revolution in screen and tablets, in immersive environment design and web enabled streaming.

The workshop is designed for diverse interests in the GLAM's sector, ranging from scanning technologies through to interactive exhibitions. Participants are free to join all or part of the scheduled seminars, case studies and demonstration sessions. Two scanners will be installed for the workshop and participants are encouraged to propose an object they would like to scan. Extensive printed documentation on scanning techniques will be available for all participants.

In association with LUXLAB Workshop #1, an exhibition of ultra high-resolution images of rare and important heritage from major museums and collections from across Asia and Europe will be installed at Galleries UNSW. The latest 4K display and projection systems from top developers in Japan (Toshiba, Panasonic, Sharp, etc) will be demonstrated using interactive viewing software and technical questions will be answered.

LUXLAB technologies, research and expertise are permanently available to the GLAM sector in Australia on a not-for-profit basis.

SCHEDULE		
Date	Time	Events
9th September	1pm-6pm	Workshop A. Australian Museum Photographers special sessions: demonstrations, case studies, hyperspectral & multispectral scans, colour science &, screen formats
10th September	10am-6pm	
11th September	10am-6pm	Workshop B. GLAMs professionals special sessions: demonstrations, case studies & exhibition formats
12th September	10am-6pm	
12th September	6pm-8pm	Reception: *Frontiers of Screen Design*
13th September	10am-5pm	Exhibition: *Frontiers of Screen Design*

REGISTRATION & FEES

Workshop A (Not-for-profits):	AUD	100	Register here
Workshop B (Not-for-profits)	AUD	100	Register here
Workshop B (commercial galleries):	AUD	200	Register here
Workshop B (businesses):	AUD	300	Register here
Reception only (all):	AUD	30	Register here

Fee for Workshop A or B includes workshop publication, catering for breaks and lunches and the Friday evening reception.

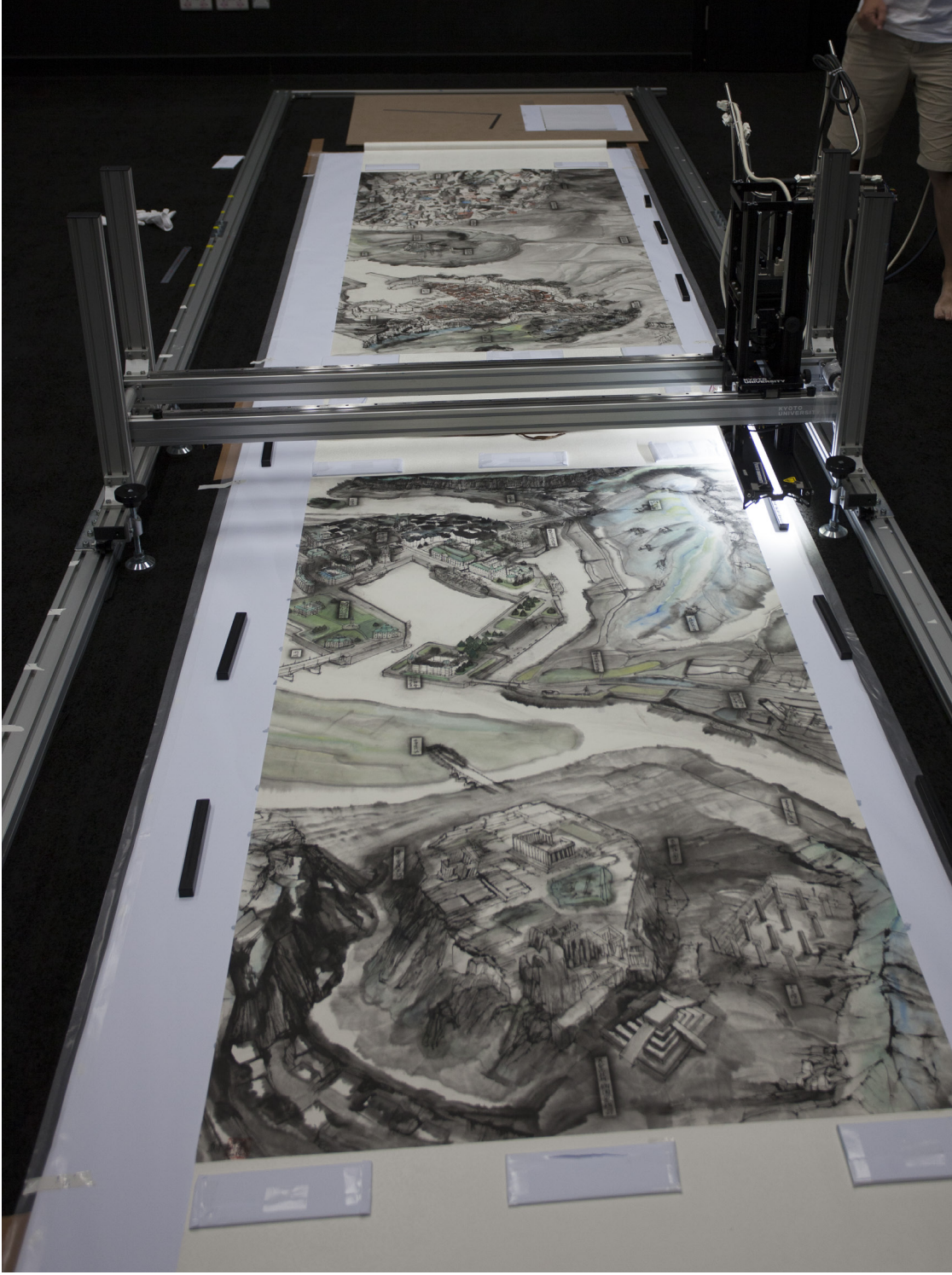
Detailed program including lists of lectures and case studies will be available on the website 31sh July 2014 Already registered participants will receive this by email.

Location:
Galleries UNSW
Cnr Oxford St & Greens Rd, Paddington
Sydney, New South Wales
Australia 2021

Enquiries:
Rachael Kiang
Program Manager (NIEA & Galleries UNSW)
Tel +61 (0) 2 8936 0619
Mob +61 (0) 421 773 683
Email r.kiang@unsw.edu.au

http://niea.unsw.edu.au/events/luxlab-advanced-digital-imaging-workshop-1

Images: scanning the dragon textile, Teresa Coleman Archive; examining the data on a 4K display



Images (including cover): 26 scrolls, *Birds Eye* by Qui Zhijie

CO-SPONSORS

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LUXLAB UNSW DIRECTORS - FOR MORE INFORMATION

Prof. Sarah Kenderdine <s.kenderdine@unsw.edu.au>
Prof. Ari Ide-Ektessabi <ide.ari.4n@kyoto-u.ac.jp>

Images: Pacifying the South China Sea Pirates, 360 Scroll Experience and scanning of the 18metre scroll painting