

PNC 2014
ECAI Workshop -- Museums, Technology and Collaboration
October 2014

In conjunction with the PNC 2014 conference, the ECAI Workshop will highlight museums and the possibilities unveiled by linking new technologies, computing and collaboration. ECAI affiliates have been working together to develop new museum exhibits using virtual and immersive technologies and new information resources. Collaborations among museums and with researchers will be discussed. Recent initiatives and affiliate activities in related areas including: cultural heritage visualization, historical mapping, infrastructure for collaboration, educational apps, technologies for cultural atlases and cloud-based technologies will be presented.

Sessions will demonstrate how affiliates work together to develop digital projects, which support development of museum exhibits, data archives and research resources. Highly successful digital academic resources can be used with multiple technologies to provide products for multiple audiences, but still maintain the ability to trace the source and quality of the data. Examples from the Cultural Atlas Consortium and the Maritime Buddhism Project will be discussed.

October 22nd

11:00-12:30 Cultural Heritage and Museum Technology

Moderator Jeanette Zerneke

Jeffrey Shaw, "Embodiment and Experiential Interfaces: New Works in Cultural Heritage Visualisation"

Sarah Kenderdine, "Analytics and Interaction: Current Research in Cultural Heritage Visualisation"

12:30-13:30 Lunch

13:30-15:00 Museums of Taiwan - Possibilities for Collaboration

Moderator David Blundell

Panel of invited curators from representative Taiwan area museums

Evergreen Maritime Museum, Taipei

Matsu Folk Culture Museum, Nangan, Lienchiang County

Museum of Worlds Religions, Taipei

National Museum of Prehistory, Taitung

National Museum of Science and Technology, Kaohsiung

Shung Ye Museum of Formosan Aborigines, Taipei

Museum Collaboration Discussion - Maritime Buddhism & Taiwan

15:00-15:30 Coffee

15:30-17:00 ECAI Updates: Cultural Atlas Consortium, Technical Infrastructure, Current Projects, and Affiliate Reports

Moderator Jeanette Zerneke

Contributors Include: Andreas Kunz, Ven. Miaolung and team, and Cheah Shen Yap

October 23rd

11:00-12:30 Technology and Data Structure for Cultural Data

Moderator Howie Lan

Yao-Hsien Yeh and Hsiung-ming Liao, "CKAN -- ECAI Data Portal"

Aming Tu and Jen-Jou Hung, "Updates on Integrated Digital Platform of Buddhism Materials"

Howie Lan, "Latest Updates on Technology for Cultural Data"

12:30-13:30 Lunch

13:30-15:00 Cultural Atlas Updates

Moderator Jeanette Zerneke

Aming Tu and Ven. Fayun, "Silk Road Project Results"

David Blundell, "Maritime Buddhism and Austronesian Roots"

15:00-15:30 Coffee

15:30-17:00 Collaboration for Data Collection, Curation, and Publication

Jeanette Zerneke, "Examples: Cultural Atlas Consortium and Maritime Buddhism Atlas Implementation"

Project development and collaboration discussion