

# Hong Kong Heritage Discovery Centre holds “Craft and Technology: Applications of three-dimensional laser scanning for heritage conservation and education” exhibition

An exhibition entitled "Craft and Technology: Applications of three-dimensional laser scanning for heritage conservation and education" will open on September 21 (Friday) at the Hong Kong Heritage Discovery Centre. The exhibition will introduce details of how the Antiquities and Monuments Office (AMO) applies innovative 3D laser scanning and 3D printing technologies to heritage conservation and education.

Through the display of "point cloud" images, 3D printout models, photos, videos and interactive exhibits, the public can learn how the AMO makes use of the "point clouds" captured by 3D laser scanning to generate digital models of historic buildings, archaeological relics and building components. By applying 3D printing technologies, 3D solid models can be produced to build up an archive for reference in future heritage conservation works. The exhibition will also introduce how the AMO uses 3D laser scanning for monitoring any changes in monuments, and the data collected for planning and implementation of heritage education activities.

Highlight exhibits include a 3D printout model of "Inviting Phoenix by Flute-playing" on the roof ridge of Man Mo Temple in Sheung Wan; "point cloud" images of the interior of Tsui Sing Lau Pagoda and its environs; and a 3D mesh model of the Former Kowloon-Canton Railway Clock Tower.

Officiating at the opening ceremony today (September 19) were the Director of Leisure and Cultural Services, Ms Michelle Li; the Chairman of the Antiquities Advisory Board, Mr Andrew Lam; the Commissioner for Heritage of the Development Bureau, Mr José Yam; and the Executive Secretary of the AMO, Ms Susanna Siu.

The exhibition, which offers free admission and runs until December 2, is presented by the Leisure and Cultural Services Department and organised by the AMO. For details of the exhibition, please visit the AMO's website at [www.amo.gov.hk](http://www.amo.gov.hk), or call 2208 4400.

The Hong Kong Heritage Discovery Centre is located in Kowloon Park, Haiphong Road, Tsim Sha Tsui.