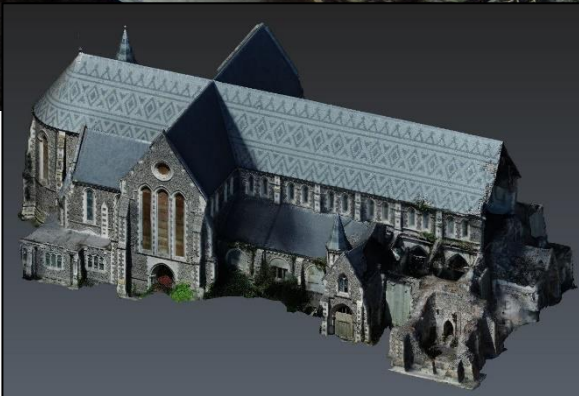


Virtual Cathedral

Chris Hyslop

Beca



Abstract:

The Christchurch Cathedral Reinstatement Project is an iconic part of the post-earthquake rebuild. In an ambitious project expected to take up to 10 years the Cathedral will be reinstated to near its original form. In the 8 years since the earthquakes no one had officially been near or inside the building so the project team were in the dark about its state, especially the interior. The Beca survey team was called on to help get a better understanding of the current state and the task ahead. By utilising some of the latest in survey technology including Terrestrial Scanning, Photogrammetry from UAVs and smartphones, 360 degree photos and 3D modelling we were able to deliver a 'Virtual Cathedral' for the project team to explore from desktop, device or in VR. Chris Hyslop from the Beca survey team will explain the background to the project, the survey work in detail and show some of the impressive deliverables (maybe even an exclusive sneak peek of the interior).

If time allows, Chris may talk about a few other projects of interest.

School of
Surveying
Te Kura Kairāri

12:00 noon, Thursday, 11 July 2019

**L1 Lecture Theatre
School of Surveying
310 Castle Street**

