THE UNIVERSITY OF AUCKLAND
Te Whare Wānanga o Tāmaki Makaurau
NEW ZEALAND

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Face Project Meeting Minutes 08/05/2019

1 message

Gary Qian <gqia189@aucklanduni.ac.nz>   8 May 2019 at 11:49
To: pnie002@aucklanduni.ac.nz, mnas002@aucklanduni.ac.nz, Amir HajiRassouliha <ahaj975@aucklanduni.ac.nz>
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What we discussed today

- Difficulty with getting good quality images from the camera to perform image registration
- The possibility of avoiding intermediate models and performing PCA directly on point clouds
- The possibility of establishing point-to-point correspondence of point clouds over-time

Action points for this week

- Explore different light conditions and camera-face distance to get better quality images (more in focus)
- Perform stereoscopic reconstruction using the 2 monochrome images and initial depth map to produce a refined 3D point cloud
- Perform image registration through time and get deformation of features across 2 different expressions.

Cheers,

Gary and Liam