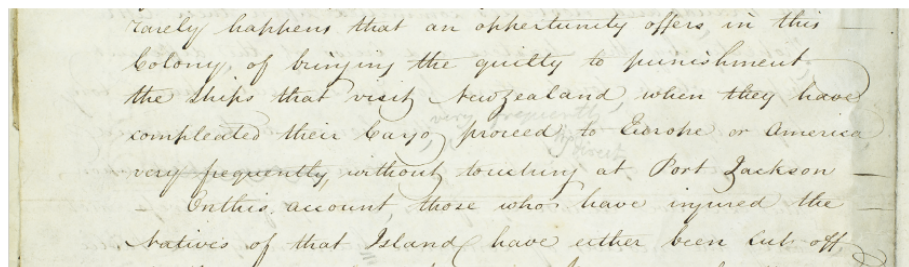
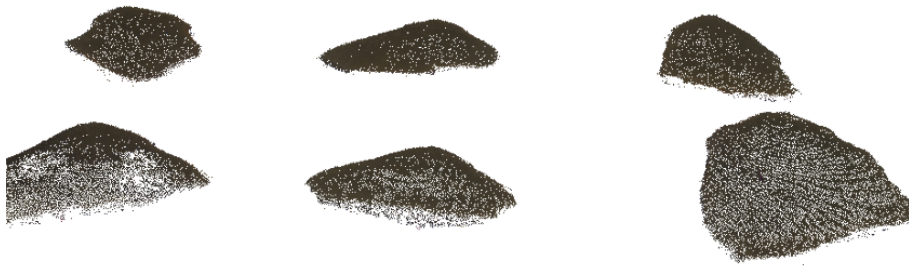


Culture and Heritage Applications of Computer Vision

Dr Steven Mills, Department of Computer Science



Abstract: Computer vision techniques have a wide variety of application areas, including remote sensing and photogrammetry. In this talk I will talk about some of the culture and heritage applications we are exploring in collaboration with colleagues around the university and beyond. This includes work relevant to archaeology, conservation, and history. The techniques used include both traditional geometric vision, such as close-range photogrammetry, as well as more recent machine learning approaches, such as deep convolutional networks. It will also explore how applications and theoretical advances interact, with new techniques opening up novel application areas and specific applications raising theoretical challenges.

12:00 noon, Thursday, 4 October 2018

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

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