

W1. Hyperfocal photography and stitching

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Digital photography has enabled us to update traditional techniques with these becoming faster and easier to accomplish. Two of techniques are hyperfocal photography, formerly light scanning photomicrography, and stitching not only for panoramas but with flat objects to increase image resolution. Hyperfocal photography means we can take close-ups and photomacrographs which overcome the normal depth of field limitations. Stitching means rather than using a wide angle lens with the potential risk of spherical aberration we can take a series using a standard or telephoto lens and stitch these together to produce a higher resolution image whether the whole length of a hair in photomicrography or a whole body at a crime scene.

This practical session will look at a range of techniques from simple low tech approaches to automated including examining the applications and limitations of conventional close-up photography and photomacrography.