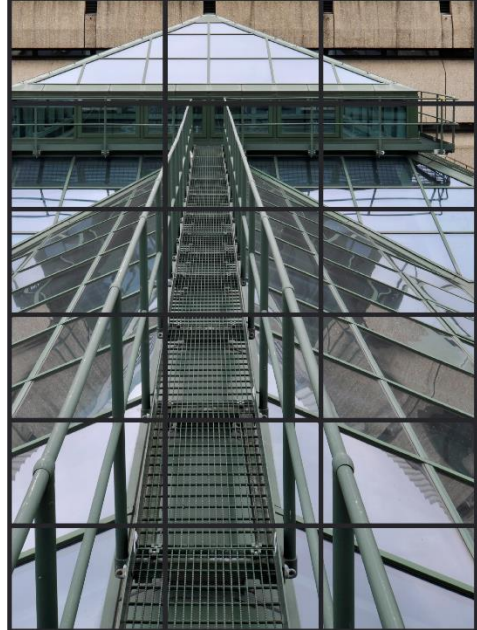


# Starting from Scratch: Creating a Framework for HSCR Access at The National Archives



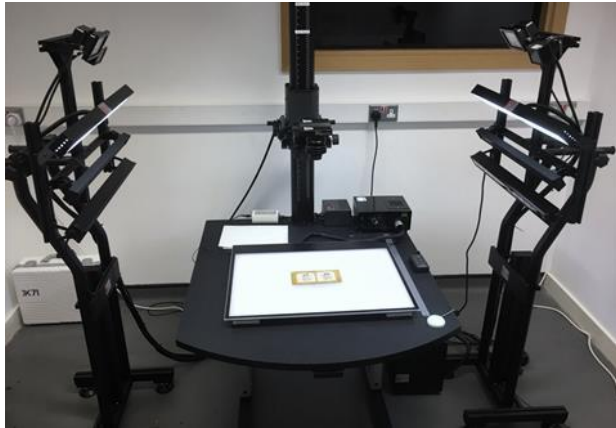
Lora Angelova, ACR, FIIC  
25 January 2023



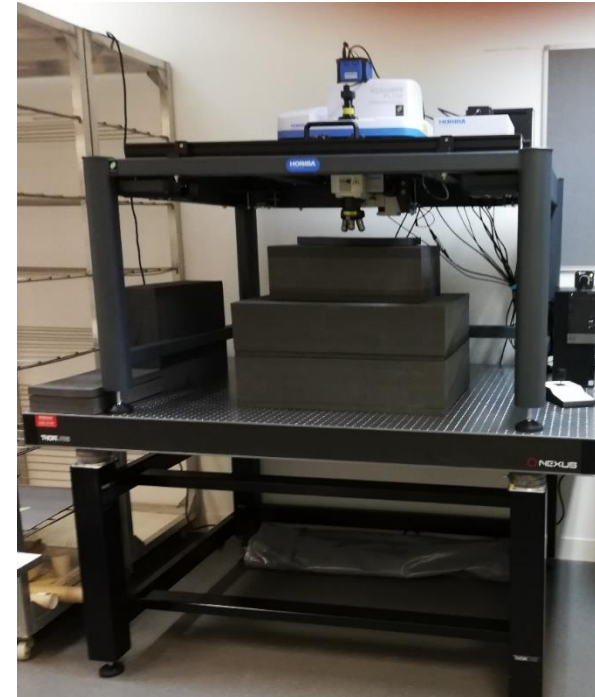
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# Our Analytical Capacity



- Multispectral imaging system (MSI)
- Raman Spectrometer/confocal microscope (Raman)
- Portable X-Ray Fluorescence Spectroscopy (XRF)
- Portable Fourier Transform Infrared Spectroscopy (FTIR)
  - Diffuse Reflectance (DRIFTS)
  - Specular Reflectance
  - Attenuated Total Reflectance (ATR)
- Portable VIS-NIR Fibre-Optic Reflectance Spectroscopy (FORS)
- Portable Micro-Fading Tester (MFT)
- Colour and gloss meters
- Microscopes: optical and digital (Dino Lite)
- Environmental chamber for accelerated ageing experiments (T, RH)





















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**Heritage Science and  
Conservation Research at  
The National Archives**

Background and Strategy 2021-2025

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