



**OXFORD MATERIALS  
CHARACTERISATION  
SERVICE**

HENRY  
ROYCE  
INSTITUTE

**MATERIALS SCIENCE:**

**ANALYSIS**

**CONSULTANCY**

**TRAINING**

**PROCESSING**

**PROJECT  
PARTNERSHIP**

**SPECIALISING IN:**

**MICROSCOPY**

**SURFACE  
ANALYSIS**

**SPECTROSCOPY**

**DIFFRACTION**

**PARTICLE  
ANALYSIS**

**THERMAL  
ANALYSIS**



## Examples of facilities available include:

- Optical microscopy
- Molecular spectroscopy (UV/visible/NIR, imaging FTIR, imaging Raman)
- Profilometry (optical, contact stylus)
- Scanning probe microscopy
- Micro and nano mechanical measurements
- Thermal analysis (TGA, H-DSC, Microcalorimetry)
- BET surface area determination
- Particle sizing and zeta potential measurements
- Electron microscopy and microanalysis
- Surface analysis (XPS)
- X-ray diffraction
- X-ray fluorescence
- Comprehensive range of sample preparation facilities, including wet/dry processing, FIB, etc.
- Materials Processing Facilities
- UKAS Accreditation 4637 for the Elemental analysis of Glass by SEM/EDX.

Further details available at:

<http://www-omcs.materials.ox.ac.uk/>

## Contact Details:

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