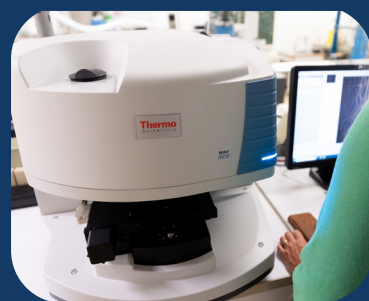
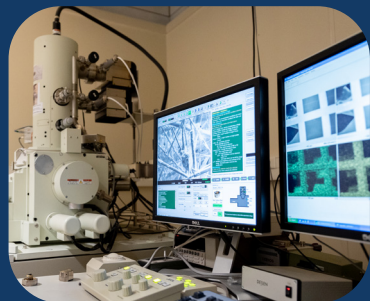




MICA

**Microscopic ChAracterization
of functional and
nanostructured materials**

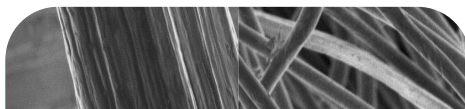
WHAT WE OFFER : SERVICES & EXPERTISE

- Characterization / test / analysis performed by highly qualified UCLouvain members
- Microscopy characterization tools in the context of materials science, chemistry, solid-state physics and (bio)nanotechnology



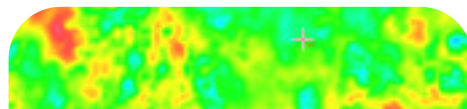
Scanning Probe Microscopy (SPM)

- Surface topography in air or liquid
- Mechanical property analysis
- Electric property analysis
- Magnetic property analysis



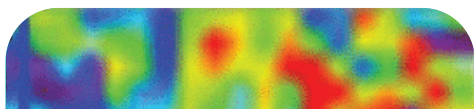
Scanning Electron Microscopy (SEM)

- Micro- and nano- morphology
- STEM analysis
- Chemical mapping



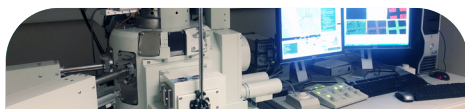
Infrared Spectrometer

- Infrared absorption spectrum
- Molecules structure
- Chemical mapping



Raman Spectrometer

- Vibrational modes of molecules
- Chemical mapping



Sample preparation tools

- Cryo-ultramicrotomy
- Sputters (carbon and metal)

CONTACT

Platform manager

Cécile D'Haese

cecile.dhaese@uclouvain.be

+32(0)10/47.35.61

Research logistician

Delphine Magnin

delphine.magnin@uclouvain.be

+32(0)10/47.35.61

Picture credits : MICA - Yvan Flamant

www.uclouvain.be/mica