**WHAT WE OFFER** services and expertise

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

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

**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**

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(1) AFM BRUKER Multimode – (2) AFM BRUKER Icon – (3) FEG-SEM JEOL 7600F – (4) IR THERMOFISHER Nicolet iNx – (5) RAMAN THERMOFISHER DXR