

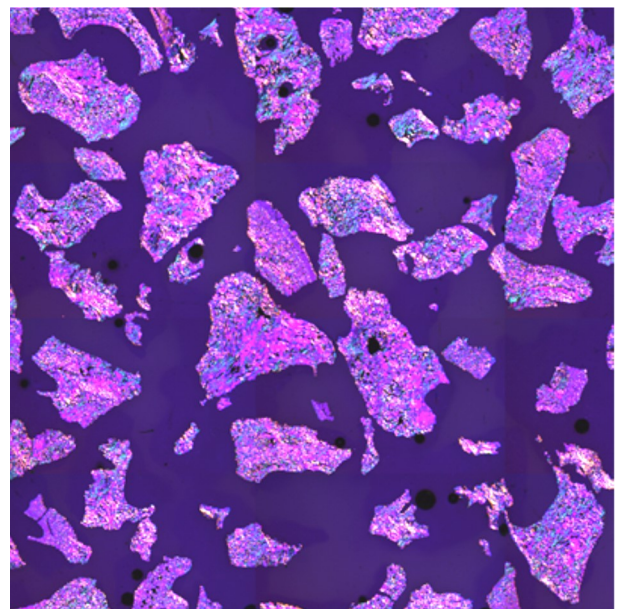
Optical Microscope Leica DMI8 A

Automated Image Analysis of Carbon Materials

- The microscope is fully motorized along XY (stage movement) and Z axes (focus)
- There is a choice of different illumination methods:
 - Brightfield
 - Polarization
 - Fluorescence
- Analysis of inclusions in metal (size, shape, distribution)
- Analysis of texture in carbon (anisotropy, reflectivity)
- Analysis of porosity in materials (size, shape, distribution)
- General imaging and documentation at high resolution
- Nominal sample size: 20-50 mm \varnothing .
- Analysis time: 20 min - 2 hours, depending on chosen image / focus resolution.



Leica DMI8 A inverted microscope



Coke grains in polarized light

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