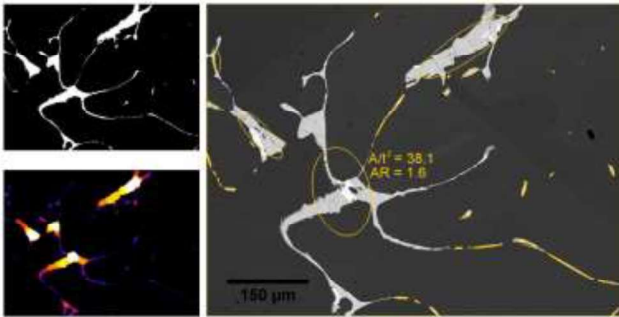


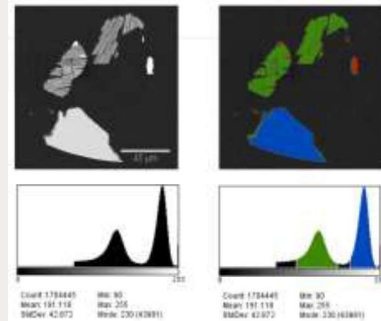
Daily characterisation tasks are performed on materials such as aluminium, cast iron, silica, ferroalloys and non-metallics; raw materials (coal, coke and quartz), ceramics and microsilica. For our image processes Image Pro Plus and ImageJ are used both quantitatively and qualitatively. Our group have employed image analysis for 15 years and have gained great experience in the field of digital image processing.

Image Analysis and programming is a vital part of our quantification tasks of measuring phases, particles, inclusions, pores, grains and or morphologies in materials

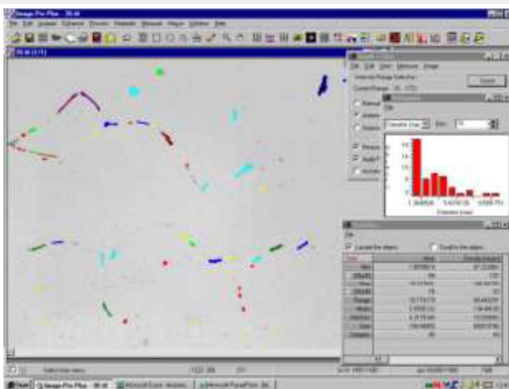
EXAMPLES



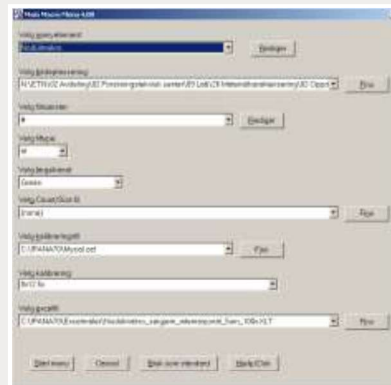
Structural analysis of phases in Silicon



Quantification of phases using ImageJ



Measurements of phases in Aluminium using Image Pro Plus



Graphical User Interface (GUI) developed in-house for managing macros

Programming in Image Pro Plus and ImageJ automates our quantitative measurements. Image analysis considerably increases the efficiency and makes measurements less operator dependent.



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