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Digital Macroscopy in Earth Sciences

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Digitalisation has changed the world around us. The changes due to Digitalisation have also changed the work with microscopes.

In Earth Sciences documentation of microscopic observations was always an important part. Since many years digital cameras are standard as image capture devices on microscopes. The latest generation of both microscopes as well as cameras with their imaging software are now even easier to use and make it possible to share high quality images even as wireless devices.

Macroscopic observation and obtaining “all in focus” images of three dimensional objects (micromounts, fossils, rock and core samples , and others was never easier as today with the new Digital Microscopes.

Now the New Leica Microsystems DVM6 has reached a new level of integrating highest quality optics with digital technology. The Leica DMS1000 can even be used as a mobile dive to take pictures in the field.

This will make Scientific Work easier, faster, and more reproducible than ever before and sets a New Standard for the daily work.



Figure 1: Leica Microsystems DVM6

