



DBG workshop: Image Processing in Soil Science

August 29th – September 2nd 2022 at UFZ Halle

This workshop is targeted at PhDs and Postdocs who want to specialize in quantitative image analysis in soil science. Our focus is on microscale imagery, not on remote sensing. Typical image processing steps (filtering, segmentation, spatial analysis) will be presented and taught with exercises. The workshop ends with case studies taken from current research, e.g. analysis of soil-plant interactions with X-ray CT or analysis of bacterial habitat traits with fluorescence microscopy. The workshop is also an open forum to discuss current research challenges of the participants.

This course is a complementary event to the Workshop “SoilSpaces” organized by the DBG commission II that is held in Bayreuth on July 21th and that focuses on imaging techniques.

Date:	August 29th – September 2nd 2022 (five days)
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Location:	Room E01, Helmholtz-Centre for Environmental Research – UFZ, Theodor-Lieser-Str. 4, 06120 Halle
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