Ostfalia
University of
Applied Sciences

REMO (scanning electron microscope with FE cathode and EDX analysis)

Project management: Prof. Dr.-Ing. Ina Nielsen

Summary: In the context of some infrastructure work, the Wolfenbüttel site was equipped with an FE scanning electron microscope (a ZEISS Sigma 500) with EDX element analysis (Oxford Instruments). With the help of electron-optical investigations, application-oriented research projects are to be supported and supplemented by material knowledge. The focus here is on the priorities listed in the University Rectors' Conference research map: "Vehicle Manufacturing, Plastics and Material Sciences" and "Renewable Energies and Resource Efficiency".

Funding: State-level funding European Regional Development Fund

Duration: 2017

Funding amount: 405.000 €

Organisational unit: Faculty of Mechanical Engineering

Research areas: Vehicle Construction, Polymers and Materials Science
Renewable Energies and Resource Efficiency

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