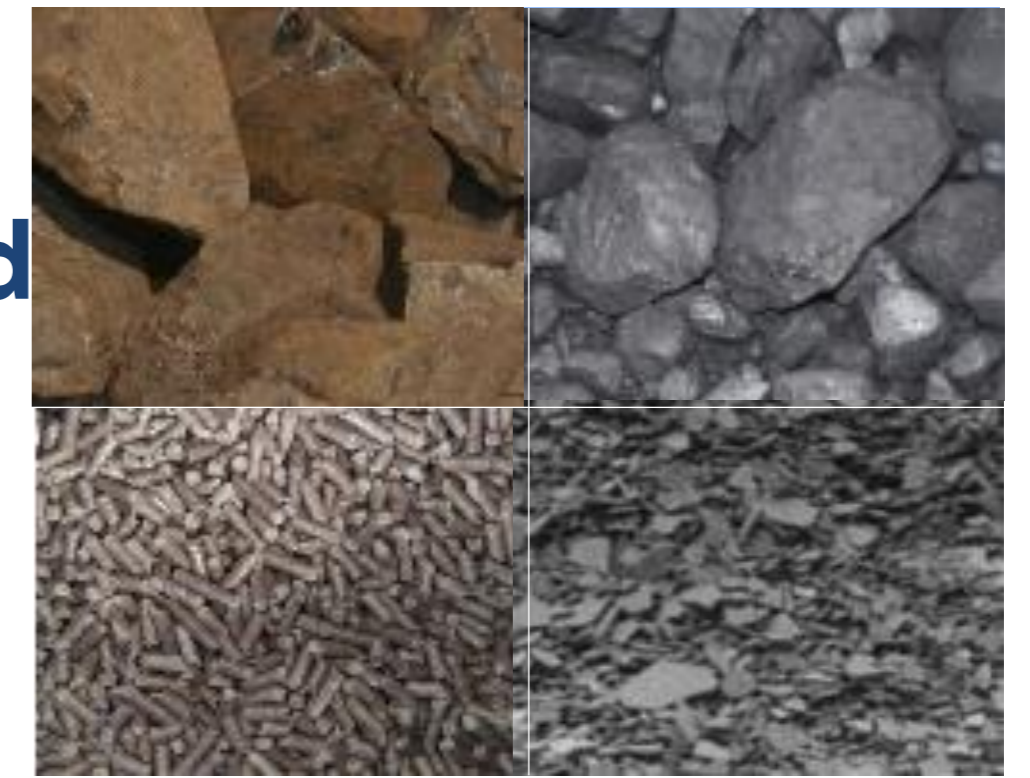


Mineralogy

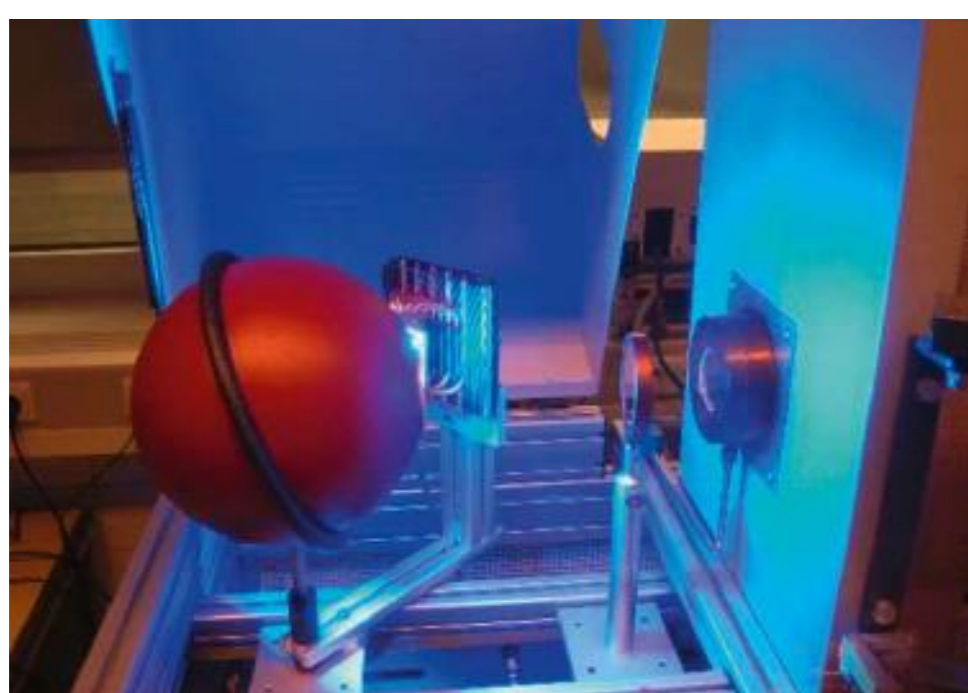
Fuel-related Research & Development on all aspects of power plant operation

Innovative characterisation of fuels (coals, biomass, sewage sludge, residues) as well as boiler fouling and power plant by-products to support operation



Sampling in the power plant boiler

Investigation of deposit formation by mineral components contained in fuels. Samples are examined in the Mineralogical Laboratory.



Large sample heating microscope

Assessment of mineral ash separated in flue gas filters (e.g. for backfilling of opencast mines or for material recycling).

Mineralogical fields of investigation and characterisation methods are diverse and interdisciplinary

