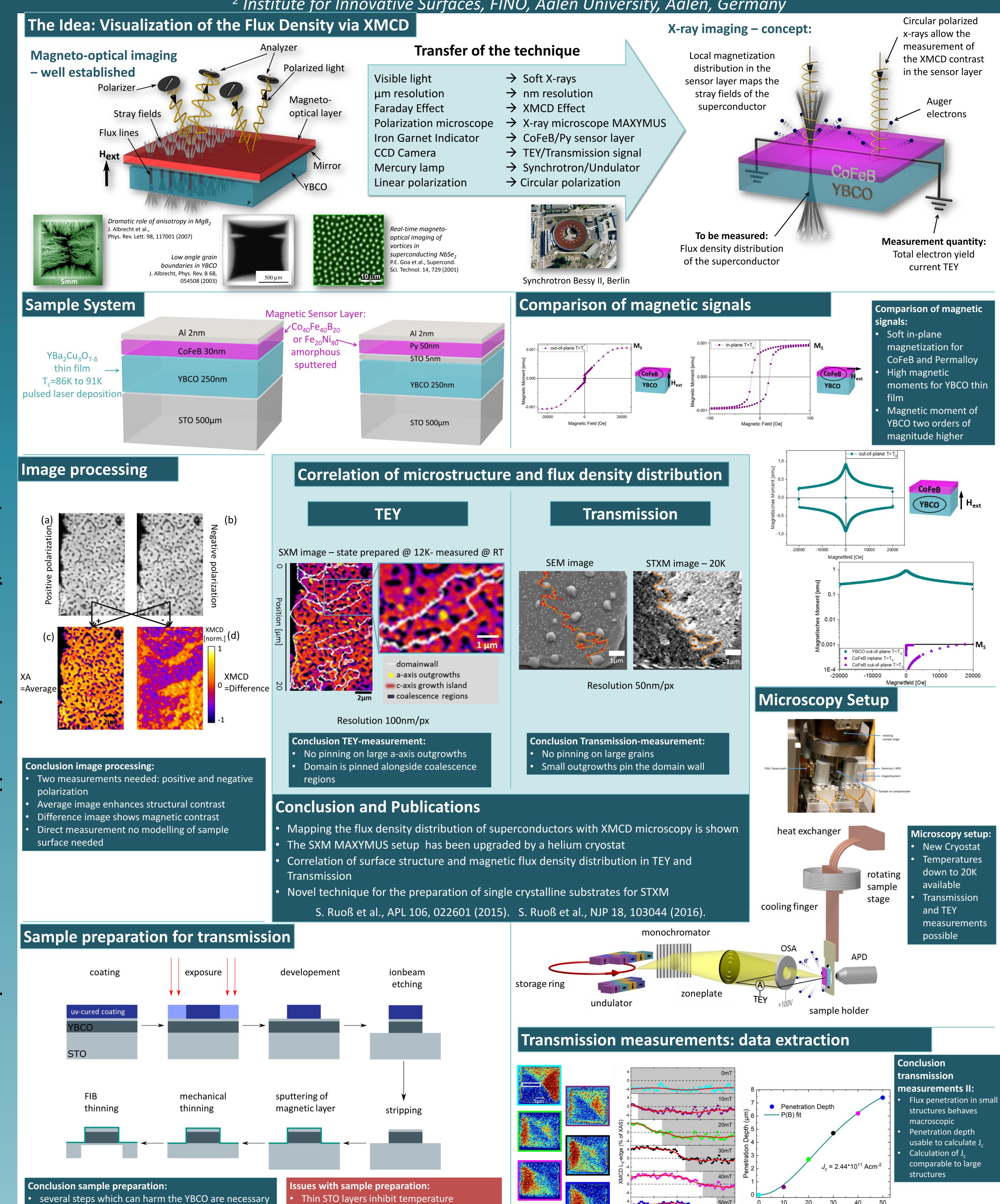
## High resolution imaging of magnetic flux distributions in superconductors with SXM at low temperatures



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Mechanical thinning to roughly 20μm

FIB thinning down to 300-600nm

conductance

Thick STO layers reduce transmitted photons

Implantation of foreign atoms possible

Position (µm)

Magnetic Field (mT)