# obs Contrast Enhanced White Light Interferometry

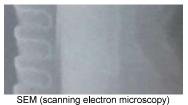
## GPGPU's can process images much faster than conventional PC's

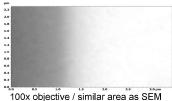


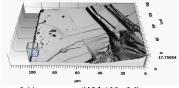
higher speed + improved results

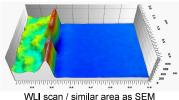
advanced algorithms can be used for the image processing based on the higher performance of graphical boards 

#### smartWLI resolves details below the rayleigh limit





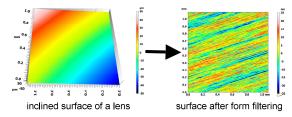


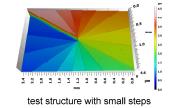


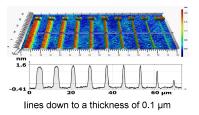
3d image smartWLI 100x full scan

smartWLI needs less contrast and provides more object information as microscopic images

#### EPSI (extended phase shift interferometry) for sub nanometer resolution





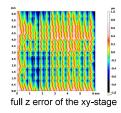


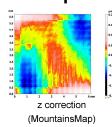
EPSI provides sub nanometer resolution on an extended scanning range

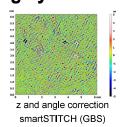
### smartSTITCH eliminates the limitation of mechanical positioning systems











algorithms for z and angle correction allow the evaluation of nano form deviations and nano structures in larger areas

#### measurements of strongly inclined large objects

