

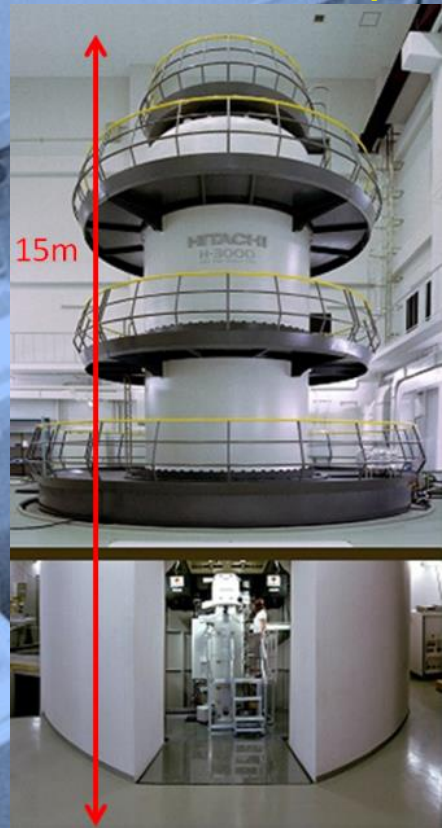
Research Division of Electron Microscopy Theory

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<http://www.uhvem.osaka-u.ac.jp/ele>

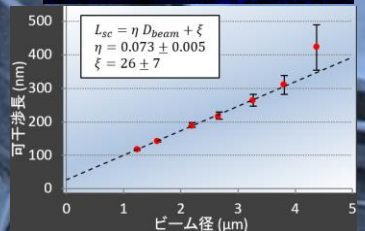
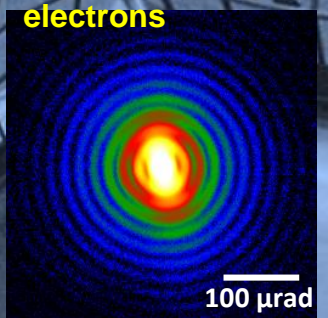
Research Center for Ultra-High Voltage Electron Microscopy

We work on developing and researching methods for measuring microstructures using the advanced electron microscopes including the 3 million volt ultra-high voltage electron microscope.

3 million volt ultra-high voltage electron microscope



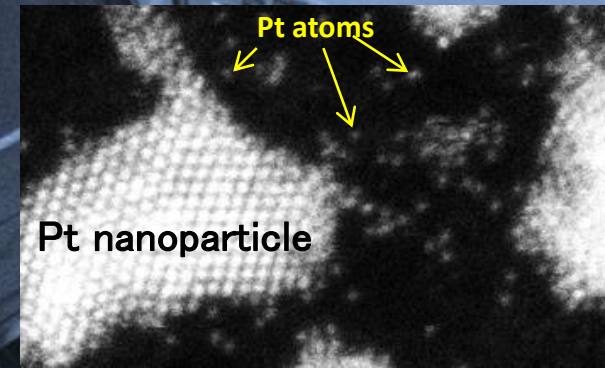
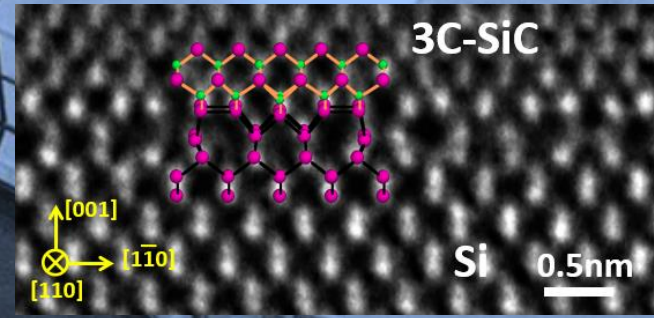
Measurements of wave nature of electrons



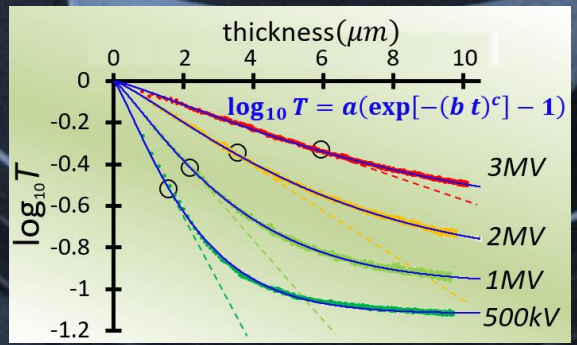
3D observations of micron-scale materials



Observations of atomic-scale structures



Analysis of scattering phenomenon of high-energy electrons by materials



Measurements of nanometer-scale electric fields

